



Advertisement No. 2046/AMD

Date: 12.02.2026

**Advertisement for the Post of JRF on CONTRACT**

Applications are invited from Indian nationals for the post of **JRF (on contract)** in research project entitled **"Design of Split Hopkinson Pressure Bar and generation of high strain rate data for various materials"** funded by HEMRL, Pune. The duly completed application on prescribed format along with copies of supporting documents must reach to: **Research & Consultancy Cell, Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004** on or before **21 days** of publication of this advertisement. The envelope should be superscripted as **"Application for the post of JRF (on contract), Advertisement No. 2046/AMD"**. A soft copy of the application should also be sent to Dr. Ashutosh Mishra, Assistant Professor, Department of Applied Mechanics & Principal Investigator through email [amishra@mnnit.ac.in](mailto:amishra@mnnit.ac.in). The position is purely temporary and will be governed by the Funding agency rules and service conditions of Research & Consultancy Cell, MNNIT Allahabad.

- Name of Position** : JRF
- Number of Position** : 01 (one)
- Tenure of Appointment** : Appointment will be made on contract basis for a period of maximum three years. Further, the contract may be extended depending on the availability of the fund, satisfactory performance, and continuation of the project only.
- Essential Qualifications** : M. Tech. in Applied Mechanics/Engineering Mechanics and Design/ Computational Mechanics/Design (Mechanical Engineering) /Materials and Metallurgy With B.Tech. in Mechanical/Aerospace/Civil Engineering/Design Engineering or Equivalent
- Desirable** : A good knowledge of Abaqus, Ansys/LS-Dyna and related computer programming. Applicants having exposure to impact/blast, testing and simulation of high and very high strain rates through experiments and possessing higher qualification and experience will be given preference. *All the applicants are required to attach a 2-page summary of the work done with supporting publications (if any) and exposure in the modelling and simulation using Abaqus, Ansys/LS-Dyna.*
- Fellowship** : Rs. 37,000/- (plus 18% HRA extra) as Fixed amount, based on qualification/experience)
- Other Benefits** : Facility of yearly leave, carryover leave, medical benefits etc. may be available as per applicable rules of the project staff.
- Age Limit** : Preferably below 35 years as on the last date of application (The upper age limit can be relaxed up to 5 years in the case of SC/ST/OBC/PwD or Female candidates. *Age criteria can be relaxed for deserving candidate with experience in experimental mechanics and numerical modeling*

using ABAQUS. The JRF/SRF experience shall be relaxed for candidates having desired experience or possessing higher qualifications).

**Note:**

1. **The interview will be arranged after receiving the funds from the funding agency.**
2. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
3. The Institute reserves the right to reject application at any time and consider candidates of exceptional credentials without applications. 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 based on merit, the summary of previous work in the related area and need of the project.
5. Shortlisted Candidates will be informed by e-mail about the interview dates. So, they must provide their valid Email IDs in their applications.
6. Shortlisted candidates must present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications. The Interviews will be conducted in the physical mode only.
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 Principal Investigator**

: Dr Ashutosh Mishra

**Designation**

: Assistant Professor

**Department and Institute**

: Applied Mechanics Department, Motilal Nehru  
National Institute of Technology Allahabad  
Prayagraj, UP-211004





अधिष्ठाता (शोध एवं परामर्श) कार्यालय  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज- 211004 (भारत)

OFFICE OF THE DEAN (RESEARCH AND CONSULTANCY)  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD  
Prayagraj – 211 004 (India)  
Website: <http://www.mnnit.ac.in>

For office use only

Application No.....

Date.....

APPLICATION FORM

Advt. No......

Dated.....

**Research Project  
Entitled**

Design of Split Hopkinson Pressure Bar and generation of high strain rate data for various materials

**Sanction letter & Date**

HEMRL/MMD/3044/EDS/25-26/463/CMS-III, दिनांक 09.02.2026

**Funding Agency**

HEMRL Pune

**Name of P.I.**

Dr. Ashutosh Mishra

**Name of Position**

One JRF (on contract)

**Department/Section**

Applied Mechanics Department

**Self-Attested  
recent passport  
size Photograph**

1.	Name of the Candidate (In Capital letter)				
2.	Sex	Male/Female/Other			
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 up to _____ Score/Rank			
14.	Educational Qualification				
	<b>Qualification</b>	<b>Subject/Discipline</b>	<b>Board/Institute/Univ.</b>	<b>Year</b>	<b>% of marks</b>
	10th or equivalent				
	12th or equivalent				
	B.E./B.Tech.				
	M.E./M.Tech				
	Ph.D.				

**Title of M.E./M. Tech. Thesis:**

**Title of Ph.D. Thesis:**



<b>15.</b>	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		
<b>16.</b>	<b>Research Publications (Attach list)</b>				<b>Numbers</b>		
SCI Journals							
Non-SCI Journals							
International Conference/Seminar/ Symposium Proceeding							
National Conference/Seminar/Symposium Proceeding							
<b>17.</b>	Any other information	(i) Computer proficiency including knowledge of computer programming languages. (ii) Exposure to commercial software (Ansys/LS-Dyna). (iii) Written and Oral Communication Skills (Rate yourself in a scale of 1 to 5 where 1 means 'poor' and 5 means 'excellent' in the above categories. You may also write/attach documents in support of your claims)					

### **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:

(Signature of the Applicant)

Date:

**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. 2-page summary of the work done and exposure in the modelling and simulation using Ansys/LS Dyna/Abaqus.
6. Experience certificate, if any