



प्रयुक्त यांत्रिकी विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज-211004 (उ०प्र०), भारत  
Department of Applied Mechanics  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD  
Prayagraj- 211 004 (U.P.) India

Advertisement No.446/AMD/Project Staff/2024

Dated- 13.09.2024

**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 “**Computational modelling for design of insensitive munitions and storage configuration to mitigate sympathetic detonation in munitions**” 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 **20/9/2024; 5PM**. The envelope should be superscripted as “**Application for the post of JRF (on contract); Advertisement No. 446/AMD/Project Staff/2024**”. A soft copy of the application should also be sent to Dr. A.K. Upadhyay, Associate Professor, Department of Applied Mechanics & Principal Investigator through email [ashutosh@mnnit.ac.in](mailto:ashutosh@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 two 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/Fluids/Structural Engineering With B.Tech. in Mechanical/Aerospace/Civil Engineering**

**Desirable** : A good knowledge of Ansys/LS-Dyna/Abaqus and related computer programming. Applicants having exposure to impact/blast, application of ALE/SPH or possessing higher qualification and experience will be given preference. *All the applicants are required to attach a 2-page summary of the work done and exposure in the modelling and simulation using Ansys/LS Dyna/Abaqus.*

**Fellowship** : Rs. 35,000/- to 40,000/-pm (Fixed, based on qualification/experience)

*Ashutosh*

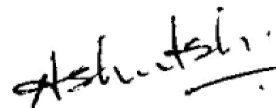
**Other Benefits** : Facility of yearly leave, carryover leave, medical benefits etc. may be available as per applicable rules of the project staff

**Age Limit** : 30 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. The JRF/SRF experience shall be relaxed for candidates having desired experience or possessing higher qualifications).

**Note:**

1. **The offer to join the post will be made after receiving the funds only.**
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 A.K. Upadhyay  
**Designation** : Associate Professor  
**Department** : Applied Mechanics





अधिष्ठाता (शोध एवं परामर्श) कार्यालय  
मोतीलाल नेहरु 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** Computational modelling for design of insensitive munitions and storage configuration to mitigate sympathetic detonation in munitions

**Sanction letter & Date** HEMRL/CARS/24-25 dated 09/07/2024

**Funding Agency** HEMRL Pune

**Name of P.I.** Dr. A.K. Upadhyay

**Name of Position** JRF (on contract)

**Department/Section** Applied Mechanics

**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>	<b>Division</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:

*Handwritten signature*

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

