

Department of Applied Mechanics
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY
Allahabad – 211 004 (India)

Advertisement No. 01/AMD/Project Staff/2023

Dated-04-01-2023

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 “**Modeling of Shock induced sympathetic detonation in Explosive warheads/Bombs/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 **25/1/2023**. The envelope should be superscripted as “**Application for the post of JRF (on contract)** in the Research Project “**Modeling of Shock induced sympathetic detonation in Explosive warheads/Bombs/Munitions**” 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@mnmit.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 **Six months only**. Further, the contract may be extended depending on the performance evaluation and availability of the fund. Project will end in September 2023.

Essential Qualifications : **B. Tech in Mechanical Engineering**

Desirable Qualifications : A good knowledge of Ansys/LS-Dyna and related computer programming. Preference will be given to the candidate having experience/knowledge of modelling blast and impact phenomenon and simulations using ALE/SPH. *All the applicants are required to attach a 2page summary of the work done in the area of impact/blast and application of ALE/SPH in such problems.*

Fellowship : ₹20,000/- pm (Consolidated)

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

Age Limit :25 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).



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 on the basis of 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 have to 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 may also be conducted via online mode on MS Teams.
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 (if conducted in physical mode)

Name of Principal Investigator : Dr. A.K. Upadhyay
Designation : Associate Professor
Department : Applied Mechanics





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>

Application No.....

For office use only
Date.....

APPLICATION FORM

Advt. No......

Dated.....

Research Project Entitled Modeling of Shock induced sympathetic detonation in Explosive warheads/Bombs/Munitions
Sanction letter & Date HEMRL/CARS/22-23 dated 20/09/2022
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)					
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					
	Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Division
	10th or equivalent					
	12th or equivalent					
	Diploma, if any					
	B.E./B.Tech.					
	M.E./M.Tech					

Title of B.E./B.Tech. project:

Title of M.E./M.Tech. 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 :						
	Non SCI Journals :						
	International Conference/Seminar ./ Symposium Proceeding :						
	National Conference/Seminar ./Symposium Proceeding :						
17.	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. Two-page summary of previous work done in the area of impact/blast
6. Experience certificate, if any