



Advertisement No. 1458/AMD/Project Staff/2025

Date:03/04/2025

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 “**Multiphysics modelling of lightning strike, prediction of damage and subsequent performance analysis of composite panels**” funded by Aeronautics Research & Development Board (AR&DB, DRDO). 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 **18.04.2025; 5PM**. The envelope should be superscripted as “**Application for the post of JRF (on contract); Advertisement No. 1458/AMD/Project Staff/2025**”. 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. 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 (01)
- Tenure of Appointment** : Initially, the appointment will be made on contract basis for a period of one year. The contract can be extended twice based on yearly performance review, availability of the fund and continuation of the project only. **Total project duration is three (03) years (April 2025-March 2028).**
- Essential Qualifications** : MTech in Applied Mechanics/Engineering Mechanics and Design/Computational Mechanics/Design (Mechanical Engineering)/Stress Analysis/Solid Mechanics with B.Tech. in Mechanical/Aerospace or any other relevant discipline in BTech/MTech with first class and GATE qualification in relevant discipline
- Desirable** : A good knowledge of Ansys multiphysics applications and related programming
- Fellowship** : Rs. 37,000/- per month for first two years and Rs. 42,000/- per month in the third year. 20% HRA shall be admissible in case of nonavailability of accommodation at the Institute
- Other Benefits** : Candidate selected for the JRF may register for Ph.D. program of the Institute if he/she meets the eligibility criteria for PhD admission in the institute. Facility of yearly leave, carryover leave, medical benefits etc. may be available as per applicable rules of the project staff
- Age Limit** : As per DST norms (The upper age limit can be relaxed up to 5 years in the case of SC/ST/OBC/PwD or Female candidates).

Ashutosh

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. No1458/AMD/Project Staff/2025

Dated: 03.04.2025

Research Project Entitled Multiphysics modeling of lightning strike, prediction of damage and subsequent performance analysis of composite panels
Sanction letter & Date ARDB/SP/4388/2171 dated 17/03/2025
Funding Agency AR&DB (DRDO)
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	_____ Years _____ Months _____ Days; (as on last date of application)				
6.	Father's/Husband's Name					
7.	Present/Contact Address					
8.	Permanent Address					
9.	Mobile No.					
10.	E-mail					
11.	Nationality					
12.	Category	Gen / EWS / SC / ST / OBC / PwD (enclosed attested copy of certificate)				
13.	GATE	Year: _____ Score/Rank: _____				
14.	Educational Qualifications:					
	Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Division
	10th or equivalent					
	12th or equivalent					
	B.E./B.Tech.					
	M.E./MTech					
	Any other qualification					

Title of M.E./MTech. Thesis:

Ashtak

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 (e.g. 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)					
18.	Indicated whether you propose to register for higher degree (PhD) at MNNIT, Allahabad					Yes	No

Note: *Those candidates who wish to be admitted as student for higher degree must fulfil the eligibility criteria 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. GATE score card
5. Experience certificate, if any

