

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

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Advertisement No. 19/Project Staff/2022

Dated- 08-03-2022

Extension of advertisement date

**Advertisement for the Post of one Junior Research Fellow (JRF) On CONTRACT**

Applications are invited from Indian nationals for the post of **Junior Research Fellow (JRF) (on contract)** in research project entitled “**Effect of boundary layer growth on blast wave mitigation studies inside the shock tube**” funded by SERB. 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 **28/03/2022 (Extended date)**. The envelope should be superscripted as “**Application for the post of Junior Research Fellow (JRF) (on contract)** in the Research Project “**Effect of boundary layer growth on blast wave mitigation studies inside the shock tube**” A soft copy of the application should also be sent to Dr. Abhishek Kundu, Assistant Professor, Department of Applied Mechanics & Principal Investigator through email **abhishekkunduamd@mnnit.ac.in** or **abhishekkundu45@gmail.com**. 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** : Junior Research Fellow (JRF)

**Number of Position** : 01 (one)

**Tenure of Appointment** : Appointment will be made on contract basis for a period of Nine months initially, which may be extended up to one year subjected to release of funding from the funding agency. Further, the contract may be extended depending on the performance evaluation on yearly basis till the end of project. Project will end in December 2022.

**Essential Qualifications** : **M. Tech in Mechanical Engineering (Fluids and thermal Engineering) or Aerospace Engineering or B. Tech. in Mechanical Engineering with GATE score**

**Desirable Qualifications:** Working knowledge on Computational Fluid Dynamics related computer programming. Preference will be given to the candidate having experience in the Gas Dynamics and CFD solver writing.

**Fellowship** : ₹31,000/- pm (Consolidated) + 16% HRA as per the Institute norms

*Abhishek Kundu*

**Other Benefits** : Candidate selected for the JRF may register for Ph.D. program of the Institute if he/she meets the eligibility condition. Facility of yearly leave, carryover leave, medical benefits etc. may be available as per applicable rules of the project staff

**Age Limit** : 28 years as on the last date of application (The upper age limit is relaxable upto 5 years in the case of SC/ST/OBC/PwD or Female candidates).

**Note:**

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. 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.
3. 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 and need of the project.
4. Shortlisted Candidates will be informed by e-mail about the interview dates. So, they must provide their valid Email IDs in their applications.
5. 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. However, considering the current situation of COVID-19, the Interviews may also be conducted via online mode on MS Teams.
6. 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.
7. No TA/DA will be paid for appearing in the interview (if conducted in physical mode)

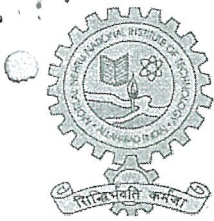
**Name of Principal Investigator** : Dr. Abhishek Kundu

**Designation** : Assistant Professor

**Department** : Applied Mechanics

*Abhishek Kundu*





OFFICE OF THE DEAN (RESEARCH AND CONSULTANCY)  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY  
Allahabad – 211 004 (India)

Application No.....

For office use only

APPLICATION FORM

Advt.No.....

Dated.....

Research Project Entitled- "Effect of boundary layer growth on blast wave mitigation studies inside the shock tube "

Sanction letter Number & Date- SRG/2020/000168 dated 18/10/2020

Funding Agency- Science & Engineering Research Board, New Delhi

Name of P.I. - Dr. Abhishek Kundu, Assistant Professor

Name of position- Junior Research Fellow (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 won				
13	NET/GATE	Valid up to _____ Score/Rank _____				
14	Educational Qualification					
	Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Div.
	10th or equivalent					
	12th or equivalent					
	Diploma, if any					
	BA/B.Sc./B.E./B.Tech					
	M.A./M.Sc.					
	M.Phil./M.E./M.Tech*					
	Ph.D*					

*[Signature]*  
02/02/2022

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						
18	Indicated whether you propose to register for higher degree* at MNNIT, Allahabad. Yes/No (Name of degree)						

**Note:-** \*Those candidates who wish to be admitted as student for higher degree must fulfill 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  
Proof of Date of Birth  
Mark sheets & certificates of all the examination passed  
Category Certificate, if applicable  
NET/GATE score card, if passed  
Experience certificate, if any

*[Handwritten Signature]*