

Advertisement for the Post of one Junior Research Fellow (JRF)/Project Associate-I on CONTRACT

Applications are invited from Indian nationals for the post of **Junior Research Fellow (JRF) (on contract)** in research project entitled **“Design and Development of Biomechanical Therapeutics to Mitigate Osteoporosis in Postmenopausal Women with Diabetes Mellitus”** funded by **Ministry of Education-STARS Scheme** for 3 years. 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 **23/02/2026**. The envelope should be superscripted as **“Application for the post of Junior Research Fellow (JRF) (on contract) in the Research Project “Design and Development of Biomechanical Therapeutics to Mitigate Osteoporosis in Postmenopausal Women with Diabetes Mellitus”**. A soft copy of the application should also be sent to Dr. Abhishek Kumar Tiwari, Assistant Professor, Department of Applied Mechanics & Principal Investigator through email aktiware@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 : Junior Research Fellow (JRF)/Project Associate-I

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

Tenure of Appointment : Appointment will be made on contract basis for a period of one year initially/till project end date, which may be extended 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.

Essential Qualifications : B.Tech. in Mechanical Engineering/Biomedical Engineering or related branches

with

M.Tech. in Biomedical Engineering, Thermal Engineering, Mechanical Engineering, Mechanical Design, CAD or any other area.

Desirable Qualifications : GATE qualified candidates along with working knowledge and experience in CAD, Finite Element Modeling, and Computational Biomechanics and Fluid Dynamics will be given preference.

Fellowship : ₹ 37,000/- per month (Consolidated) + HRA (as per funding agency norms)

Non-GATE candidates will be offered **Project Associate-I** as per funding agency norms.

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

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 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.
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.

Name of Principal Investigator : Dr. Abhishek Kumar Tiwari

Designation : Assistant Professor

Department : Applied Mechanics

Abhishek Tiwari



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

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

For office use only

Application No.....

APPLICATION FORM

Advt.No.....

Dated.....

Research Project Entitled- "Design and Development of Biomechanical Therapeutics to Mitigate Osteoporosis in Postmenopausal Women with Diabetes Mellitus"	
Sanction letter & Date: MoE-STARS/STARS-2/2023-0527 dated 26/09/2023	
Funding Agency: MoE-STARS	
Name of P.I.: Dr. Abhishek Kumar Tiwari	
Name of position: Junior Research Fellow (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)				
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	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*					

*Title of M.Tech. Thesis:

Abhishek Tiwari

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

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. Experience certificate, if any

Abhishek Tiwari