



गणित विभाग
मेतीलाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज- 211004 (भारत)
Department of Mathematics
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
Prayagraj – 211 004 (India)

Advertisement No- 369/Project/JRF/Maths/2025

Dated- 02.07.2025

Advertisement for the Post of Junior Research Fellow (JRF) (On Contract)

Applications are invited from Indian nationals for the post of **Junior Research Fellow (JRF) (On Contract)** in ANRF (previously known as **SERB**) research project entitled “Mathematical Modelling and Simulation of Electroosmotic Flow of Non-Newtonian Fluid through Microdevices” under the area **Computational Fluid Dynamics** of ANRF File number: ANRF/ECRG/2024/002908/PMS dated: 17/06/2025 sponsored by ANRF, Govt. of India.

The duly completed application (hard copy) on prescribed format along with scanned copies of supporting documents must reach to: **Office of the Dean (Research & Consultancy), Motilal Nehru National Institute of Technology Allahabad, Prayagraj -211004**. A soft copy of the same must be emailed to narenb@mnnit.ac.in (Email Id of Dr. Naren Bag, Assistant Professor, Department of Mathematics) with the subject of the email as “**Application for JRF (On Contract) in ANRF Project: Adv. No. 369/Project/JRF/Maths/2025. Hard copy and email of the complete application must reach on or before 08/08/2025, 5.00 PM (IST).**”

The position is purely temporary and will be governed by the funding agency rules & service conditions of Office of the Dean (Research & Consultancy), MNNIT Allahabad.

Name of Position	: Junior Research Fellow (JRF)
Number of Position	: 01 (One)
Essential Qualifications	: M.Sc. in Mathematics or equivalent with minimum of 60% aggregate marks or CPI 6.5 at qualifying examination along with a valid GATE score/CSIR-UGC-NET or any national level examinations conducted by Central Government Departments and their Agencies and Institutes.
Desirable Qualifications	: Preference will be given to candidates with working knowledge in Computational Fluid Dynamics and proficiency in programming such as Fortran/ C/Python.
Fellowship	: Rs. 37,000/- per month + 20% HRA for 1 st and 2 nd years and Rs. 42,000/- per month + 20% HRA for 3 rd year (HRA will be provided in case hostel accommodation is not available).
Other Benefits	: Candidate selected for the JRF may register for Ph. D. if eligibility conditions as set by the institute are met by him/her. Accommodation may be available as per the availability and the Institute norms. 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-ANRF guidelines
Tenure of Appointment	: Appointment will be made on contract basis for a period of one year initially, which may be extended depending on the performance evaluation on yearly basis till the end of project. The total duration of the project is 3 years.

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 applications at any time, and may consider candidates of exceptional credentials without applications.
3. Qualifications and experience requirements may be relaxed by the Institute for outstanding candidates at any time. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted based on merit and need of the project.
4. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid Email IDs in their applications.
5. Shortlisted candidates must present themselves for the interview on the interview date with updated CV, publications if any 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.
8. Address for sending hard copy of the application “**Dean (Research & Consultancy), Motilal Nehru National Institute of Technology Allahabad, Prayagraj -211004, Uttar Pradesh, India**”

Name of Principal Investigator	: Dr. Naren Bag
Designation	: Assistant Professor
Department	: Mathematics
Email Id	: narenb@mnnit.ac.in



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>

For office use only

Application No.....

APPLICATION FORM

Advt. No......

Dated......

Research Project Entitled Mathematical Modelling and Simulation of Electroosmotic Flow of Non-Newtonian Fluid through Microdevices
Sanction letter & Date ANRF/ECRG/2024/002908/PMS dated 05/06/2025
Funding Agency ANRF, Govt. of India
Name of P.I. Dr. Naren Bag
Name of Position Junior Research Fellow (JRF) (on contract)
Department/Section Mathematics

**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/State					
12.	Category	Gen/SC/ST/OBC/PH (enclosed attested copy of certificate)				
13.	NET/GATE	Valid to _____ up Score/Rank				
14.	Educational Qualification					
	Qualification	Subject/Discipline	Board/Institute/Uni v.	Yea r	% of marks	Division
	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.E./M.Tech./M.Sc. 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) 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* at MNNIT, Allahabad. Yes/No (Name of higher degree is Ph.D.)						

Note: - *Those candidates who wish to be admitted as student for higher degree must fulfil 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: _____ (Signature of the Applicant)
Date: _____

Enclosure-

1. Self-attested copy of documents
2. Proof of Date of Birth
3. Mark sheets & certificates of all the examination passed
4. Category Certificate, if applicable
5. NET/GATE score card, if passed
6. Experience certificate, if any
7. Publications