



राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

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An Autonomous Institute under Ministry of Education, Govt. of India.

NITM.1/(42-Proj)/Prabhat/AR&DB-DRDO/2025/ **R-1330**

Dated: 12.08.2025

Advertisement for the Junior Research Fellow (JRF) Position under a research project

Applications are invited from eligible candidates for the position of Junior Research Fellow (JRF) in a purely time-bound sponsored research project funded by the **Aeronautics Research and Development Board (AR&DB), DRDO, in the Department of Mechanical Engineering at the National Institute of Technology Manipur**. The details are as follows:

Position	Junior Research Fellow (JRF)
Number of Position (s)	01 (One)
Title of the Project	Development and testing of a novel technique for identification of unbalance, misalignment, active magnetic bearing parameters in a magnetically levitated rotor system
Sponsoring Agency	AR&DB, DRDO
Principal Investigator	Dr. Prabhat Kumar, Assistant Professor, Mechanical Engineering Department, NIT Manipur
Tenure of Project	3 years The position is temporary and co-terminus with the project.
Job Description	The Junior Research Fellow (JRF) is required to do all project-related work as well as the work assigned by the PI(s) of the project. The JRF is expected to actively contribute to the preparation of the initial drafts of reports, programs, manuscripts, and patents resulting from the project in consultation with the PI(s).
Essential Qualification	Minimum Qualification: Candidates should have a B. Tech in Mechanical Engineering/ Aerospace Engineering/Mechatronics Engineering or a relevant field with a minimum 70% marks or 7.5 CPI/CGPA. Or M. Tech/M. E. in Mechanical Engineering/Aerospace Engineering/Mechatronics Engineering/Applied Mechanics/Control Systems or Instrumentation Engineering (especially for active magnetic bearing design, control, and parameter estimation) or a relevant field with minimum 60% marks or 6.5 CPI/CGPA.
Desirable Qualification	Knowledge in the relevant field in experiments, Simulink, MATLAB, etc., will be useful.
Age and Relaxation	The upper age limit is 35 years at the time of interview. (Age relaxation for SC/ST/OBC/PH/Female Candidates, if applicable, should be as per GOI rules.
Fellowship	JRF @ Rs. 37,000/- + Applicable HRA per month for 1 st and 2 nd years and SRF @ Rs. 42,000/-+ Applicable HRA per month for 3 rd year
Important Dates	Last date of application form submission: 5 th September 2025 Publication of shortlisted applicants: 9 th September 2025 Date of Interview: 15 th September 2025 (Monday)
Application Procedure	The duly filled application form with scanned copies of the relevant documents/mark sheets should be emailed to Dr. Prabhat Kumar, Assistant Professor & HOD (ME), (prabhat.kumar@nitmanipur.ac.in), with the subject "JRF Position, AR&DB, DRDO in the Department of Mechanical Engineering".

REGISTRAR / कुलसचिव
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR
राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर
IMPHAL - 795004, MANIPUR
इंफाल - ७९५००४, मणिपुर

(Prof. Kh. Tomba Singh)
Registrar, NIT Manipur



NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR IMPHAL - 795004

(An Institution of National Importance under Ministry of Education, Govt. of India)

Application Form for the Position of Junior Research Fellow (JRF) Under AR&DB, DRDO Research Project in the Department of Mechanical Engineering

(Please enclose a copy of bio-data/resume/curriculum-vitae)

Paste
passport size
photograph
here

A. Personal Details

1. Full name in Capital Letters: (as mentioned in the qualifying degree certificate) Keep one box blank between the two words

2. Father's Name:

3. Mother's Name:

4. Date of Birth: (as per matriculation or equivalent certificate):

DD		MM		YYYY					

5. a) Category UR/ OBC / SC / ST
c) Marital Status (Single (S) / Married (M))

- b) Physical Disabled (Yes / No)

6. Gender (Male (M) / Female (F))

7. Nationality

8. Contact details*:

Address for Correspondence																			
Present Address:					Permanent Address:														
City:		Pin Code								City:		Pin Code							
State:					State:														
Mobile Number					Telephone Number (if any)					E-mail Address(s)									

* It is the responsibility of the candidate to intimate change of address.

9. Details of Educational Qualification from Matriculation onwards (Enclose photocopies)

Degree obtained	Subject	Name of University / Institute	Year of Passing	% of Marks / CPI	Class / Division
X					
XII/Diploma					
BA/BSc/B.Tech					
MSc/MCA/M.Tech					
Any other					

10. Details of examinations like **GATE** or **NET fellowship** or any other equivalent examination

Name of examination	Year of Passing	Validity Period	Marks obtained	AIR Rank	Score / Percentile

11. Details of Professional / Work Experience/ Research (in years & months):Years..... Months.

Organization	Designation	Date		Nature of Work / Responsibilities
		From	To	

12. Present Employment status: (Employed / Not Employed) If employed, then details of the employer:

13. Details of the Bachelor's Project and Master's Thesis.

Name of the University	Year of submission	Name of the Supervisor	Title Institute

14. List of Publications*, if any (attach a separate sheet if required)

- * Mention in the order of giving name(s) of author(s), title of paper, details of the journal / conference, year, volume, page numbers, SCI/SCIE/Scopus indexed Journals and IEEE Explorer/Scopus indexed conferences only.
- * Specify whether you are the first author(s)/corresponding author(s) of the journals and conferences.

i.

ii.

iii.

iv.

15. Any other relevant information

(Attach a separate sheet)

16. List of Enclosures (Academic and Professional Testimonials) attached with this application form:

Declaration

I do hereby solemnly declare that the information given above is correct to the best of my knowledge and belief. I am fully aware that I must submit attested copies of my qualifying degree certificates / final transcripts, failing which, my admission will stand cancelled. I am also aware that providing incorrect information in the application form and violation of norms of the Institute can result in the cancellation of my admission at any stage.

Place:

Signature of the applicant with the date

Name of the applicant: