



# DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(Deemed to be University U/s 3 of UGC Act, 1956)

Department of Defence Research & Development

Ministry of Defence, Govt. of India

Girinagar, Pune - 411 025



ADVT. No. 19-2024/JRF/DIAT (DU)

## JRF RECRUITMENT- CALL FOR APPLICATION

1. The Department of Mechanical Engineering of this Institute is looking for young Scientists/Engineers for the position of 'Junior Research Fellow (JRF)' to work on an **Institute level research project** entitled "**Numerical Investigation of flow separation control for laminar (Incompressible & Isothermal) airflow over a step**". Details/eligibility conditions for selection are given hereunder: -

Sr. No.	Name of Post	No. of Post	Educational Qualifications required	Upper Age-Limit	Monthly Stipend Payable	Tenure
1.	Junior Research Fellow (JRF)	01	<b>Essential:</b> B.E./B. Tech in Mechanical/ Aeronautical/Aerospace/Automotive Engineering in First Division with NET/GATE qualification or Qualification of National Level examinations conducted by Central Govt. Institutions <b>OR</b> M.E./M. Tech in Mechanical/ Aeronautical/Aerospace/Automotive Engineering in First Division both at Graduate and Post Graduate level. <b>Desirable:</b> Candidates with sound knowledge of fluid mechanics, heat transfer and CFD with the necessary skill-set in using. <b>Skillset:</b> CAE software like Ansys-Fluent/ Open Foam and SOLID WORKS, Python, Matlab etc.	Not to exceed 28 Years. (*)	Rs.37,000/- (Consolidated) per month	The position is temporary for a period of 06 months (OR) co-terminus with the project, whichever is earlier.

### Note:

- The prescribed date for determining the upper age limit, educational qualifications and/or experience shall be the last date for submitting applications. The upper age-limit is relaxable up to 05 years for SC/ST, Women & PwBD and 03 years for OBC (NCL) candidates.
  - Recruited JRFs shall be encouraged to register for Ph.D. at this institute through proper channels as per DIAT norms.**
  - Hostel accommodation may be provided subject to the availability on a payment basis
  - In addition to the monthly stipend, medical facilities limited to MI Room facilities shall be extended to the incumbent.
  - The mode of interview will be "in-person" or "via video conferencing" whichever is suitable to DIAT and shall be intimated to the shortlisted candidates.
2. **How to Apply:** A Brief bio-data duly signed, Application form (available on the website), Proof of Date of Birth, M.E/M.Tech mark sheets and degree certificates may be sent to the email ID of the Principal Investigator ([pankaj\\_nadge@diat.ac.in](mailto:pankaj_nadge@diat.ac.in)) in PDF form as a single file, with a subject titled "**Application for JRF**" on or before **31<sup>st</sup> May 2024**.

3. Based on the suitability for the project, the applicants will be called for interview (in person or video conference). The shortlisted (for the interview) candidate will be individually informed via email. No TA/DA will be paid for attending the interview of any mode.
4. Candidates have to have their original applications with all necessary educational and other supporting documents/project reports/publications etc., at the time of interview.
5. **Other Terms & Conditions: -**
  - a) Offer of JRF position does not confer any right for absorption in DIAT (DU), Pune.
  - c) The qualification prescribed/ experience gained should have been obtained from recognized Universities / Institutions/Industries.
  - d) The prescribed educational qualifications are the bare minimum and mere possession of the same does not entitle the candidates to be considered at every stage of the selection process. In case of a large number of applications, based on the recommendations of the Screening Committee, the Principle Investigator may restrict the number of candidates to be called for the interview to a reasonable limit after taking, the qualifications and experience over and above the minimum prescribed in the advertisement, into consideration. Therefore, it is the interest of the candidates, to mention all the qualifications and experience in the application clearly with supporting documents.
  - e) **Selected candidate is required to join the duty immediately on receipt of the offer letter.**
6. For further details/clarification, please contact **Dr. Pankaj Nadge, PI**, Dept. of Mechanical Engineering on Telephone No. (020) 2460 4547, 4551 / Mobile No. +91 9483744467

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