



# 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. 49-2023/JRF/DIAT (DU)

## JRF RECRUITMENT- CALL FOR APPLICATION

1. Department of Metallurgical and Materials Engineering of this Institute is looking for young Scientists/Engineers for the position of 'Junior Research Fellow (JRF)' to work under DRDO sponsored research project entitled "*Design and Development of High Temperature High Entropy Alloys for Aero Engine Applications*". 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/ M.Sc or equivalent in First Division with NET/GATE OR Post graduate degree in professional course (M.E./M.Tech) in First Division both at Graduate and Post graduate level. <b># Weightage will be given to the candidate with GATE Score</b> <b>Specialization:</b> Materials Science/ Materials Engg./ Mechanical Engg./ Metallurgy/ Production Engg./Manufacturing or equivalent	Not to exceed 28 Years. (*)	Rs.37,000/- Per month (Consolidated)	The position is temporary for a period of 02 Years (OR) co-terminus with the project, whichever is earlier.

**Note:**

- (\*) 'The crucial date' for determining the upper age-limit is **28<sup>th</sup> December, 2023**. 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 channel as per DIAT norms.**
- Hostel accommodation may be provided subject to the availability on payment basis
- In addition to the monthly stipend, medical facilities limited to MI Room facilities shall be extended to the incumbent.
- Mode of interview will be "in-person" or "via video conferencing" and 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 website), Proof of Date of Birth, BE./B.Tech M.E/M.Tech mark sheets and degree certificate may be sent to the email ID of the Principal Investigator ([thangaraju@diat.ac.in](mailto:thangaraju@diat.ac.in) / [shanmugy@gmail.com](mailto:shanmugy@gmail.com)) in PDF form as a single file, with a subject titled "**Application for JRF**" on or before **28<sup>th</sup> December, 2023**.

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 shall 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 duty immediately on receipt of the offer letter.**
6. For further details/clarification, please contact Dr. **Shanmugasundaram PI**, Dept. of Metallurgical and Materials Engg on Telephone No. (020) 2460 4480, 85 / Mobile No. +91 7378317145.

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(Defence Research & Development Organisation, Ministry Of Defence, Govt. Of India)  
Girinagar, Pune-411025

**APPLICATION FOR ENGAGEMENT AS JUNIOR RESEARCH FELLOW (JRF) UNDER SPONSORED PROJECT**

**Discipline applied for- Dept of Metallurgical & Materials Engg. Post: JRF**

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A SIGNED  
COPY OF  
YOUR RECENT  
PASS-PORT  
SIZE  
PHOTOGRAPH

1. Name in full \_\_\_\_\_  
(as in qualifying degree certificate)

2. Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Pin

3. Email : \_\_\_\_\_ 4. Mobile \_\_\_\_\_

5. Phone No. \_\_\_\_\_ -- \_\_\_\_\_ 6. Marital Status  7. Sex (M/F/TG)

8. Date of Birth \_\_\_\_\_  
(as in School leaving certificate)

9. Caste : \_\_\_\_\_  
Gen/SC/ST/OBC(NCL)

10. What are you doing currently:

**11. Details of academic record (Please attach separate sheets if necessary):**

Exam/ Degree	Branch/ Subject	University/ Institute	Month & Year	% Marks	of	Relative rank in class*
X						
XII						
Bachelors						
Year 1	SEM 1					
	SEM 2					
Year 2	SEM 3					
	SEM 4					
Year 3	SEM 5					
	SEM 6					
Year 4	SEM 7					
	SEM 8					
Masters						
Year 1	SEM 1					
	SEM 2					
Year 2	SEM 3					
	SEM 4					
Any other Qualifications						

\* Please clearly mention the relative rank in class/division/college/university (if any) . eg. 5<sup>th</sup> in 89 students, 1<sup>st</sup> in university, 3<sup>rd</sup> in state as of the date of application. If you have not received result till date of application, please mention as result awaited.

**12. Research / Professional Experience in reverse chronological order** (*Attach separate sheet with details, if required*)

<b>Name &amp; Location of University/Institute/Industry/Laboratory</b>	<b>Period</b>	<b>Nature of duties/ Position held</b>	<b>Name of Supervisor</b>	<b>Title of Dissertation/Area of Research</b>

**13. Additional Information** (*Attach separate sheet with details, if required*)

- a. Ranks/Scores/Awards obtained in university or national level exam such as CSIR, UGC, GATE :
- b. Papers presented at seminar & conferences (*attach copies if any*) :
- c. Projects carried out (if any, other than required for academic program) :
- d. Participation/recognition in competition, such as NTSE, Olympiad, Design Contests :
- e. Any other special recognition/information such as knowledge of special tools/ techniques/skills :

**14.** Any other information: -

**15. Declaration by the Applicant:**

- a. I certify that the information given above is correct and I am aware that providing incorrect information in the application form may result in the cancellation of the selection.
- b. If I accept the above Fellowship, I undertake to abide by the rules and regulations of the Institute.

Date :  
Place :

Signature of Applicant :  
(Name of Applicant)