



# 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. 46-2024/JRF/DIAT (DU)

## JRF RECRUITMENT- CALL FOR APPLICATION

1. The Department of Applied Physics of this Institute is looking for young Scientists/Engineers for the position of 'Junior Research Fellow (JRF)' to work under Govt. of India sponsored research project entitled "Investigation of Laser-Assisted Photoacoustic Wave Generation for Underwater Communication". 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> M.Tech/ME in Electronics Science /Laser & Elcetro-optics/ Laser Technology/ Applied Optics/Photonics/ Opto-Electronics and Optical Communication/ Electronics Engg./ Electronics & Comm. Engg./ Instrumentation Engg./ or equivalent <b>Specialization:</b> Candidate with knowledge in FPGA Programming/DSP With FPGA /Communication with FPGA/ Optical System Designing/ Optical System Design using software tools/ hands-on experience in working with optics or communication systems	Not to exceed 28 Years. (*)	Rs. 37,000/-+ 30%HRA per month	The positions are temporary for a period of <b>02 years</b> (OR) Co-terminus with the project, whichever is earlier.

### Note:

- 1) The prescribed date for determining the upper age limit, educational qualifications and/ or experience shall be the last date for submitting applications is **18<sup>th</sup> Dec 2024**. The upper age limit is relaxable up to 05 years for SC/ST, Women & PwBD and 03 years for OBC (NCL) candidates.
- 2) **Recruited Fellows shall be encouraged to register for a Ph.D. at this institute through proper channels as per DIAT norms.**
- 3) In addition to the monthly stipend, medical facilities limited to MI Room facilities shall be extended to the incumbent.
- 4) The mode of interview will be "in-person" or "via video conferencing," whichever is suitable to DIAT, and it will be intimated to the shortlisted candidates.
- 5) Based on the technical requirements, the selected Fellows may be sent to a Ministry of Earth Science Laboratories/ for Sea/Dam trials during the execution of the said research project.
- 6) Candidates with any national fellowship can also apply to work on this research project.

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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 certificates may be sent to the email ID of the Principal Investigator (ddhirhe@diat.ac.in) in PDF form as a single file, with a subject titled “**Application for JRF**” on or before **18<sup>th</sup> Dec, 2024**.
3. Based on the suitability for the project, the applicants will be called for an interview (in person or via 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 must bring their original applications with all necessary educational and other supporting documents, project reports, publications, etc., to the interview.
5. **Other Terms & Conditions: -**
  - a) The Offer of a JRF position does not confer any right to absorption in DIAT (DU), Pune.
  - c) The qualification prescribed/ experience gained should have been obtained from recognised Universities / Institutions/Industries.
  - d) The prescribed educational qualifications are the bare minimum, and mere possession of them 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 Principal 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 in the interest of the candidates to mention all the qualifications and experience clearly in the application with supporting documents.
  - e) **The selected candidate is required to join duty immediately upon receipt of the offer letter.**
6. For further details/clarification, don't hesitate to contact Dr. Devnath Dhirhe, PI, Dept. Applied Physics, at Telephone No. (020) 24604498.

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

APPLICATION FOR ENGAGEMENT AS

UNDER SPONSORED PROJECT

Discipline applied for- \_\_\_\_\_ Post: \_\_\_\_\_

PASTE HERE  
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)

STD Code

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 Qualifica- tions						

\* 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)