



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. 41-2024/JRF/SRF/DIAT (DU)

JRF & SRF 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)' & 'Senior Research Fellow (SRF)' 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)	02	<p>Essential: MSc/M.Tech/ME in Physics/ Electronics Science/ Applied Physics/Optics/Photonics/Applied Physics/Laser & Elcetro-optics/ Laser Technology/ Applied Optics/Photonics/ Opto-Electronics and Optical Communication/ Electronics Engg./ Electronics & Comm. Engg. or equivalent with NET/GATE#</p> <p>Desirable Specialization/ Expertise: 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</p> <p>#Candidates without GATE/NET score may also apply. On selection, they will be designated as Project Associates with a consolidated stipend of ₹ 25,000/- to ₹ 28,000/- per month, based on experience.</p>	Not to exceed 28 Years. (*)	Rs. 37,000/-+ 30%HRA per month	The positions are temporary for a period of 02 years (OR) Co-terminus with the project, whichever is earlier.
2.	Senior Research Fellow (SRF)	01	<p>Essential: MSc/M.Tech/ME in Physics/ Electronics Science/ Applied Physics/Optics/Photonics/Applied Physics/Laser & Elcetro-optics/ Laser Technology/ Applied Optics/Photonics/ Opto-Electronics and Optical Communication/ Electronics Engg./ Electronics & Comm. Engg. or equivalent with NET/GATE.</p> <p>Experience: <u>A minimum 02 years of research/teaching/ industrial experience in the area of laser and photonics is mandatory for the position of Senior Research Fellow (SRF)</u></p>	Not to exceed 30 Years. (*)	Rs. 42,000/-+30% HRA per month	

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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 **21st Oct., 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) Hostel accommodation may be provided on a payment basis, subject to availability. HRA is not admissible if hostel accommodation is provided.
- 4) In addition to the monthly stipend, medical facilities limited to MI Room facilities shall be extended to the incumbent.
- 5) 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.
- 6) 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.
- 7) Candidates with any national fellowship can also apply to work on this research project.

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 Or SRF**” **on or before 21st Oct., 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 or SRF 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.
