



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.



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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)

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. 5th in 89 students, 1st in university, 3rd 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*)

Name & Location of University/Institute/Industry/Laboratory	Period	Nature of duties/ Position held	Name of Supervisor	Title of Dissertation/Area of Research

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)