



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. 11-2024/JRF/SRF/DIAT (DU)

JRF & SRF RECRUITMENT- CALL FOR APPLICATION

1. Department of Electronics Engineering of this Institute is looking for young Scientists/Engineers for the position of 'Junior Research Fellow (JRF)' & 'Senior Research Fellow (SRF)' to work under DRDO sponsored research project entitled "FxxN". 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)#	03	Essential: B.E./ B.Tech/ M.Sc. with First Division with NET/GATE OR M.E./M.Tech in First Division both at Graduate & Post Graduate level. Specialization: Radar Systems, Electronics/Microwave engineering, RF Systems, Image processing (IP), Electronics Instrumentation AI (ML/DI)/CT & Software defined radar (SDK). <u>Addition to above, a minimum 02 years of research/teaching/ industrial experience in the relevant fields is mandatory to the position of Senior Research Fellow (SRF)</u>	Not to exceed 28 Years. (*)	₹37,000/- (Consolidated) per month For 1 st & 2 nd Year ₹42,000/- (Consolidated) per month For 3 rd Year	The positions are temporary for a period of 03 Years (OR) co-terminus with the project, whichever is earlier.
2.	Senior Research Fellow (SRF)	02	Desirable: <ul style="list-style-type: none">• Strong hands-on design knowledge in (a) CST studio/HFSS, (b) MATLAB with radar/IP tools, (c) VHDL/IP-core/SDK for real-time DSP/RSP, & (d) SDR based system design• Familiar with RF instruments and advanced FPGA/SDR platforms• Having technical publications in Q1 journals	Not to exceed 30 Years. (*)	₹42,000/- (Consolidated) per month	

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 **12th April, 2024**. Upper age-limit is relaxable up to 05 years for SC/ST, Women & PwBD and 03 years for OBC (NCL) candidates.
- 2) **Recruited JRF/SRFs shall be encouraged to register for Ph.D. at this institute through proper channel as per DIAT norms.**
- 3) Hostel accommodation may be provided subject to the availability on payment basis
- 4) In addition to the monthly stipend, medical facilities limited to MI Room facilities shall be extended to the incumbent.
- 5) 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.
- 6) Based on the technical requirements, the selected JRFs/ SRFs may be sent to a DRDO laboratory, Bangalore during the execution of the said research project
- 7) # The JRF will be promoted to SRF for 3rd year.
- 8) Candidates having any national fellowship can also apply to work in 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 certificate may be sent to the email ID of the Principal Investigator (brazilraj.a@diat.ac.in) in PDF form as a single file, with a subject titled “**Application for JRF Or SRF**” on or before 12th April, 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, SRF & PA 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 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 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. A A Bazil Raj, PI**, Dept. of Electronics Engineering on Telephone No. (020) 2460 4524 /81/ 31.



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