



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. 07-2021/JRF/DIAT (DU)

Date: 30 Jul 2021

JRF 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)' to work on a NxxO sponsored Research Project that covers "Long-range free space optical (FSO) communication and Mission-critical LoS wireless optical link".

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 | Essential: M.E/M.Tech., in Communication systems, Signal processing, RF-photonics, VLSI & Embedded systems, Optical communications, Optical Engineering, Free-space/wireless optical communications, Atmospheric science, Modeling and simulation, Control systems, Applied/Modern/Adaptive optics, with qualified GATE Score. Desirable: 1. Sound-skill in MATLAB/VHDL programming, Optical/photonic simulator and communication/modulation system design techniques 2. Knowledge in free-space/wireless optical communications 3. Hands-on-experience on optical components/instrumentations 4. Publications based on relevant works | Not to exceed 28 Years. (*) | Rs.31000/- per month (Consolidated) | The position is temporary and is for a period of 2 years (OR) co-terminus with the project, whichever is earlier. |

NB:

- (*) 'The crucial date' for determining the upper age-limit is 14th Aug. 2021. Upper age-limit is relaxable up to 05 years for SC/ST, Women & PH and 03 years for OBC (NC)/EBW candidates.
- In addition to above post, candidate having any national fellowship can also apply to work in this research project availing the fellowship-stipend. Recruited JRFs and fellowship candidates will be encouraged to register for Ph.D at this institute through proper channel as per DIAT norms.
- Selected candidates should stay only in the institute accommodation and has to pay the hostel or family-accommodation fee as per HMC norms.
- In addition to the monthly stipend, Medical facilities limited to MI Room facilities will be extended to the incumbent.
- Date of the interview is 16th Aug. 2021.** Mode of interview will be "in-person" or "via video conferencing" and whichever is suitable to DIAT will be intimated to the shortlisted candidates.

2. **How to Apply:** A Brief bio-data duly signed, Application form (available under), Proof of Date of Birth, 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**” on or before **14th Aug. 2021**.
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 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 candidates will have to join duty immediately on receipt of the offer letter.**
6. For further details/clarification, please contact **Dr. A A Bazil Raj, PI**, Electronics Engineering on Telephone No. (020) 2430 4152, 51 / Mobile No. +91 77198 46129.
7. Application form can be found in below pages.
