



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. 07-2020/JRF/DIAT (DU)

Date: 29th June, 2020

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)	02	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 valid GATE Score. Desirable: 1. Sound-skill in MATLAB/VHDL programming, Optical/photonics 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. 31,000/- per month (Consolidated)	The position is temporary and is for a period of 3 years (OR) co-terminus with the project, whichever is earlier.

NB:

- (*) 'The crucial date' for determining the upper age-limit is 15th July 2020. Upper age-limit is relaxable up to 05 years for SC/ST, Women & PH and 03 years for OBC (NC) 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.
- Mode of interview will be "in-person" or "via video conferencing" and whichever is suitable to DIAT will be intimated to the shortlisted candidates in advance.

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 / brazilraj.a@diat.drdo.in) in PDF form as a single file, with a subject titled “**Application for JRF**” on or before 15th July 2020.
3. Based on the suitability for the project, the applicants will be called for interview (in person or video conference). The names of the candidate shortlisted for the interview will be made available on the DIAT website, and an email intimation will be sent to shortlisted/suitable candidates. 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.



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(Department of Defence Research & Development, Ministry Of Defence, Govt. Of India)

Girinagar, Pune - 411025

APPLICATION FOR ENGAGEMENT AS JRF UNDER SPONSORED PROJECT

PASTE HERE
A SIGNED
COPY OF
YOUR RECENT
PASS-PORT
SIZE
PHOTOGRAPH

Discipline applied for- _____ Post : _____

1. Name in full _____
(as in qualifying degree certificate)

2. Address _____
City _____ State _____ Pin

3. Email : _____ 4. Mobile _____

5. Phone No. _____ STD Code _____ 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	% of Marks	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 Qualifications					

* 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	<i>Name of Supervisor</i>	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 offer of JRF/Voluntary Project Interns, I hereby undertake to abide by the rules and regulations of the Institute.

Date :
Place :

Signature of Applicant :
(Name of Applicant)