



DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY
(Deemed to be University U/s 3 of UGC Act, 1956),
Girinagar, Pune-411 025



(An Autonomous Organisation funded by
Department of Defence Research & Development, Ministry of Defence, Govt of India)

ADVT NO. 13-2022/JRF/DIAT(DU)

JRF (01) RECRUITMENT: CALL FOR APPLICATION

1. The Department of Electronics Engineering of this Institute is looking for young and dynamic research scholars for the position of **Junior Research Fellow (JRF)** to work under Institute level research project entitled “**Design and Development of Reconfigurable FETs using 2D Materials for HF Applications**”. Details/eligibility conditions for selection are given hereunder: -

Name of Post/ Fellowship	No. of Post	Educational Qualifications required	Upper Age-Limit	Monthly Stipend Payable	Tenure
Junior Research Fellow (JRF)	01 (One)	Essential: B.E./ B.Tech in Electronics & Communication/ Electronics/ Electrical/ Communication/ Telecommunication/ Electronics & Instrumentation/ E & TC Engineering/ Material Science / Nano Technology/ Instrumentation Engineering with NET/GATE Qualification OR M.E./ M.Tech in Electronics & Communication/ Electronics/ Electrical/ Communication/ Telecommunication/ Electronics & Instrumentation/ E & TC Engineering/ Material Science / Nano Technology/ Instrumentation Engineering OR Master/ M.Sc./ Integrated degree OR equivalent in Physics/ Applied Physics/ Electronic Science/ Material Science / Nano Technology with minimum 60% marks.. Desirable: Knowledge of Semiconductor Physics/ Quantum Mechanics/ Modeling and Simulation of advanced nanoscale MOSFETs/ 2D materials/ NEGF/ Analog and Digital Electronics/ Python programming Skill set: • Knowledge of Synopsys Sentaurus TCAD/ Synopsys Quantum ATK/ Verilog HDL coding.	Not to exceed 28 Years. (*)	₹ 31,000/- (Consolidated) Per month(@)	The position is purely temporary and is for a period of 27 Months OR co-terminus with the project, whichever is earlier.

NB:

- (*) 'The crucial date' for determining the upper age-limit is 7th **October 2022**. Upper age-limit is relaxable up to 05 years for SC/ST, Women & PH and 03 years for OBC (NC) candidates.
- Recruited JRF will be encouraged to register for Ph.D. at this institute through proper channel as per DIAT norms.**
- (@) In addition to the monthly stipend, Medical facilities limited to MI Room facilities will be extended to the incumbent.
- Hostel accommodation can be provided subject to the availability on payment basis.
- Mode of interview will be “Online” the date of interview will be intimated to the shortlisted candidates in advance.
- Offer of JRF position does not confer any right for absorption in DIAT (DU), Pune.

2. **How to Apply:** A Brief bio-data duly signed, Cover letter, Application form (available on Institute website), Proof of Date of Birth, mark sheets and degree certificates may be sent to the email ID of the Principal Investigator (bhubon_chandra@diat.ac.in or drbhubon@gmail.com) in PDF form as a single file, with a subject titled "**Application for JRF**" on or before 7th October 2022.

3. Based on the suitability for the project, the applicants will be called for interview (**through Walk-in / video conference**). An Email intimation will be sent to shortlisted candidates only. No TA/DA will be paid for attending the interview of any mode.

4. Candidates have to bring their original application with all necessary educational and other supporting documents/project reports/publications etc., on the day of the interview.

5. **Other Terms & Conditions:** -

- a) The qualification prescribed /experience gained should have been obtained from recognized Universities/ Institutions/Industries.
- b) The prescribed educational qualifications are the bare minimum, and mere possession of the same does not entitle candidates to be considered at each stage of the selection process. In case of a large number of applications, based on the recommendations of the Screening Committee, the Project Investigator may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the application.
- c) Selected candidates will have to join duty immediately on receipt of the offer letter.

6. For further details/clarification you may contact Dr. Bhubon Chandra Mech, Asst Prof and Principal Investigator in the Department of Electronics Engineering on Telephone No. (020) 2460 4522/ 4527 & Mob. No. 8638375648.
