



**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. 05-2022/JRF/DIAT(DU)

**WALK-IN-INTERVIEW**

1. A 'Walk-in-Interview' will be held at this Institute on **20<sup>th</sup> June 2022 at 1000 Hrs** for selection of a suitable candidate for the position of **Junior Research Fellow (JRF)** to work on the DIAT sponsored Research Project entitled "**Super-Resolution in IR Thermal Images for Drone Surveillance**". 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)	<b>Essential:</b> M.E./ M.Tech (with GATE) in Data Science/ Machine Learning/ Modelling & Simulation/ Computer Science/ Electronics/ Electronics and Communication Engineering with minimum 60% marks.  <b>Desirable:</b> Knowledge of Digital Image/ Video Processing/ Computer Vision/ Machine Learning algorithms/ Python programming/ Thermal Image Processing/ Deep Learning  <b>Skill set:</b> <ul style="list-style-type: none"><li>• Knowledge of python libraries opencv, numpy, scikit-learn, keras, tensorflow etc. and ML algorithms.</li></ul>	Not to exceed 28 Years. (*)	₹ 31,000/- (Consolidated) Per month(@)	The position is purely temporary and is for a period of 02 Years OR co-terminus with the project, whichever is earlier.

**Note-1 :** (\*) 'The crucial date' for determining the upper age-limit is **20<sup>th</sup> June 2022** (i.e. on the date of Walk-in-Interview/Selection Meeting). Upper age-limit is relaxable up to 05 years in case of candidates belonging to Scheduled Castes & Scheduled Tribes, Women and PH and up to 03 years in case of candidates belonging to OBC.

**Note-2:** (@) In addition to the monthly stipend, Medical facilities limited to MI Room facilities will be extended to the incumbent.

**Note-3:** **Recruited JRFs and fellowship candidates will be encouraged to register for Ph.D at this Institute through proper channel as per DIAT norms.**

**Note-4:** It may please be noted that the above offer does not confer any right for absorption in DIAT (DU), Pune. It may be terminated at any time on one month's notice

2. **How to Apply:** A Brief bio-data duly signed, Cover letter, Application form (available on Institute website), Proof of Date of Birth, M.E/M.Tech mark sheets and PhD degree certificate may be sent to the email ID of the Principal Investigator ([yogeshwar\\_singh@diat.ac.in](mailto:yogeshwar_singh@diat.ac.in)) in PDF form as a single file, with a subject titled "**Application for JRF**" on or before **18<sup>th</sup> June 2022**.

3. An '**Aptitude Test**' for ascertaining the aptitude of the candidates for research will be conducted by an Expert Committee during the 'Interview'.

4. Hostel accommodation can be provided subject to the availability on payment basis

5. Interested candidates fulfilling the eligibility conditions for Junior Research Fellowship as mentioned in Para 1 above, may attend the '**Walk-in-Interview**' at this Institute on **20<sup>th</sup> June 2022 at 1000Hrs**, along-with their original Certificates/Testimonials etc (together with a set of attested copies of each) for detailed scrutiny. Candidates working in Government/Public Sector

Undertakings/Autonomous Bodies should produce a 'No Objection Certificate' from the present employer. No TA will be paid for attending the 'Walk-in-Interview'.

6. For further details/clarification you may contact Dr. Yogeshwar Singh Dadwhal, Asst Prof and Principal Investigator in the Department of Applied Mathematics on Telephone No. (020) 2460 4472/ 4479 & Mob. No. 7696615849.

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