



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. 17-2021/RA/JRF/DIAT(DU)

RA (01) & JRF (03) RECRUITMENT: CALL FOR APPLICATION

1. The Department of Applied Chemistry & Aerospace Engineering of this Institute are looking for young and dynamic research scholars for the positions of **Research Associate (RA) & Junior Research Fellow (JRF)** to work in **ERIPR (DRDO)** Sponsored Research Project entitled "**Development of Technology for Non-flammable Hydrogen Gas and its Applications**". The 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
Research Associate (RA)	01 (One)	Essential: Ph.D. in Chemical Science & or Technology/ Chemical or Aerospace Engg./ Applied or Organic or Physical or Polymer Chemistry or equivalent with First Class at Post-graduation level. Desirable: - 1. Ph.D. from the reputed Institute or University is required. 2. An experience in the field of photocatalysis, hydrogen generation/ gas adsorption, combustion science and modeling & simulation is preferable. 3. Preference will be given to the candidates having relevant experience, self-motivation, strong aptitude for technology oriented research and should be able to plan experiment, their analysis and be able to write report and research articles.	Not to exceed 35Years. (*)	Rs. 47,000/- per month (consolidated) (@)	The position is purely temporary and is for a period of 03 Years OR co-terminus with the project, whichever is earlier.
Junior Research Fellow (JRF)	03 (Three)	Essential: M.E/ M.Tech in Chemical Engineering/ Chemical Science & Tech./ Aerospace Engg./ Mechanical Engg. or equivalent with valid GATE Score. OR M.Sc. degree in Organic Chemistry or Physical Chemistry or Polymer or Industrial Chemistry or equivalent, from reputed University or Institutes. First Class with UGC/CSIR-NET or SET or Valid GATE score. Desirable 1. For M.Sc. candidates, sound knowledge of organic synthesis or processes. 2. Should have good knowledge of Combustion Science & Technology, Fire, Safety and Engineering, CFD. 3. Preference will be given to the candidates with experience, strong aptitude for applied research and should be able to plan experiment and be able to write reports and articles.	Not to exceed 28 Years. (*)	Rs. 31,000/- Per Month (Consolidated) (@)	The position is purely temporary and is for a period of 03 Years OR co-terminus with the project, whichever is earlier.

Note-1: (*) 'The crucial date' for determining the upper age-limit is **15 Jan 2022** (i.e. last date for submission of application form) 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: (@) Accommodation in the Institute campus is likely to be available on payment basis. 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: Fellowship may be upgraded after two years based on his/her performance.

2. **How to Apply:** A Brief bio-data duly signed, Application form (available on DIAT website), Proof of Date of Birth, Ph.D./M.E/M.Tech/M.Sc mark sheets & Degree Certificates may be sent to the email ID of the Co-Principal Investigator (joshiganapati@gmail.com) in PDF form as a single file, with subject titled "**Application for RA or JRF Position**" on or before **15th January 2022**.

3. Based on the suitability for the project, the applicants will be called for interview (in person or 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 applications with all necessary educational and other supporting documents/project reports/publications etc., on the day of the interview.

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

- (i) The qualification prescribed / experience gained should have been obtained from recognized University/ Institutions/ Industries.
- (ii) 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 qualification and experience in the application form clearly with supporting documents.
- (iii) Selected candidates will have to join duty immediately on receipt of the offer letter

6. It may please be noted that the offer of RA or JRF does not confer any right for absorption in DIAT (DU), Pune. It may be terminated at any time on one month's notice.

7. For further details/clarification, please visit our website www.diat.ac.in or contact **Dr. Ganpati Joshi, Co-Principal Investigator** Dept of Aerospace Engg. on Telephone Nos. (020) 24304171, Mob.:- 9421661182 or **Dr. Prashant S Kulkarni, Principal Investigator** Dept. of Applied Chemistry on Telephone No. (020) 24304161, Mob. :- 9422312338
