



DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(Deemed to be University U/S 3 of UGC Act, 1956)

Girinagar, Pune - 411 025



ADVT. NO. 05-FP-2024

Dated: 21.11.2024

1. The Defence Institute of Advanced Technology (DIAT), a Deemed to be University u/s 3 of UGC Act, 1956 is a premier educational institution significantly contributing in the sphere of Human Resource Development for the Defence Forces by way of imparting education, research and training on Defence Technologies to the officers of Armed Forces, Scientists of the DRDO, Technical officers of the Ordnance Factory Board, Directorate of Quality Assurance, Defence Public Sector Undertakings, friendly foreign countries in addition to regular civilian students. The Institute is also active in carrying out result oriented research as required for defence and national security.
2. The Institute is located in a picturesque environment on the banks of Khadakwasla Lake surrounded by Sahyadri hills. The nearest Airport (30 kms) is at Lohegaon, Pune. The DIAT Campus is well served by the Pune Municipal Transport buses, auto rickshaws and taxis.
3. DIAT invites online applications from eligible Indian nationals for the following faculty positions:

| Name of Post | Post Code | Department/School | No. of Vacancy (Reservation) | Department specific areas of required specializations at PhD / M. Tech. / Post-Graduate level |
|---------------------|-----------|---|------------------------------|--|
| Assistant Professor | 1 | Dept. of Aerospace Engineering | 01 (SC) | Aerospace Structures: Flight vehicle structures, Composite structures in Aerospace, Aero-elasticity (Aerospace), Flutter Analysis, Structural Dynamics (Aerospace), Computational Experimental Methods for Aerospace Structures. |
| | 2 | Dept. of Computer Science & Engineering | 01 (PwBD) | Digital Forensics, Cryptanalysis, NLP, GANs, GIS, LLMs |
| | 3 | School of Robotics | 01 (EWS) | Robot Design, Performance, Dynamics & Control and Mechatronics |
| | 4 | School of Quantum Technology | 01 (UR) | Quantum Optics, Quantum Metrology, Atomic Clocks, Cold-atom/ion-trap experiments, Cold atoms interferometry, Quantum Computing. |

4. Minimum Qualification for Appointment of Faculty positions will be as under:

| Post Code | Post Dept./School Vacancy & Category | Qualifications |
|-----------|--|---|
| 1 | Assistant Professor [Aerospace Engineering] [01-SC] | <p>Essential:</p> <p>(i) PhD Degree in the specific area of specialization as per Para 3 above with a First Class at Master's or Bachelor's degree in Aerospace / Aeronautical Engineering from an Indian University, or an equivalent degree from an accredited foreign university.</p> <p>(ii) Two years' experience in teaching, research and / or industry at the level of lecturer or equivalent grade extensively in the area of Aerospace Structures.</p> <p>Desirable: Without prejudice to the above, the following conditions may be considered desirable:</p> <p>(a) Teaching, research, industrial and / or professional experience in a reputed organization;</p> <p>(b) Published work (at least 02 papers in Scopus indexed journals), patents filed/ obtained, books and/ or technical report;</p> <p>(c) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&D projects in industry.</p> |
| 2 | Assistant Professor [Computer Science & Engineering] [01-PwBD] | <p>Essential:</p> <p>(i) PhD Degree with a First Class at Master's or Bachelor's Degree in Computer Science & Engineering in the specific area of specialization, as per Para 3 above, from an Indian University, or an equivalent degree from an accredited foreign university with demonstrable skills in the area of Digital Forensic, GANs, NLP, LLMs.</p> <p>(ii) Two years' experience in teaching, research and / or industry at the level of lecturer or equivalent grade.</p> <p>Desirable: Without prejudice to the above, the following conditions may be considered desirable: -</p> <p>(a) Teaching, research, industrial and / or professional experience in a reputed organization;</p> <p>(b) Published work (at least 02 papers in Scopus indexed journals), patents filed/ obtained, books and/ or technical report;</p> <p>(c) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&D projects in industry.</p> |
| 3 | Assistant Professor [School of Robotics] [01-EWS] | <p>Essential:</p> <p>(i) PhD Degree with a First Class at Master's and Bachelor's degree in Engineering with specialization as per Para 3 above, from an Indian University, or an equivalent degree from an accredited foreign university with demonstrable skills in the area of Robotics.</p> <p>(ii) Two years' experience in teaching, research and / or industry at the level of lecturer or equivalent grade in the area of Robotics.</p> <p>Desirable: Without prejudice to the above, the following conditions may be considered desirable:</p> <p>(a) Teaching, research, industrial and / or professional experience in a reputed organization;</p> <p>(b) Published work (at least 02 papers in Scopus indexed journals), patents filed/ obtained, books and/ or book chapters;</p> <p>(c) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&D projects in industry/academia as a Research Associate or Post-Doctoral Fellow.</p> |

| Post Code | Post Dept./School Vacancy & Category | Qualifications |
|-----------|--|---|
| 4 | Assistant Professor [School of Quantum Technology] [01-UR] | <p>Essential:</p> <p>(i) PhD Degree with a First Class at Master's & Bachelor's Degree in Physics in the specific area of specialization as per Para 3 above, from an Indian University, or an equivalent degree from an accredited foreign university.</p> <p>(ii) Two years' experience in teaching, post-doctoral research and / or industry at the level of lecturer or equivalent grade.</p> <p>Desirable: Without prejudice to the above, the following conditions may be considered desirable:</p> <p>(a) Teaching, research, with demonstrable experimental expertise in the areas of quantum optics, atomic clocks, cold-atom physics, quantum sensing single photon physics, ion traps in national / international labs of repute.</p> <p>(b) A good publication track record in the relevant areas with adequate skills to set up an advanced facility in one or more areas mentioned above.</p> <p>(c) Published work (at least 02 papers in Scopus indexed journals), patents filed/ obtained, books and/ or technical report;</p> <p>(d) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&D projects in industry/ academia as a Research Associate or Post-Doctoral Fellow.</p> |

Abbreviations used: UR-Unreserved, SC-Scheduled Caste, OBC-Other Backward Class, EWS-Economically Weaker Section & PwBD – Persons with Benchmark Disability

Notes:

The Academic score as specified in Appendix II [Table 2] as per UGC Regulations on “Minimum Qualifications for Appointment of Teachers and Other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education,2018” for universities, shall be considered for shortlisting of the candidates for interview only, and the selections shall be based only on the performance in the interview.

(i) A relaxation of 5% marks may be provided at the graduate and Masters level for the scheduled Castes/Scheduled Tribes/Other Backward Classes (OBC) (Non-creamy Layer) / Differently-abled categories for the purpose of eligibility and for assessing good academic records.

(ii) The period of time taken by candidates to acquire PhD degree shall NOT be considered as teaching/ research experience for appointment to the teaching positions.

(iii) In respect of CGPA awarded to the candidates on a 10-Point Scale, the following Table of equivalence shall be followed for determining the percentage of marks obtained by them:

| CGPA | Percentage of Marks |
|------|---------------------|
| 8.25 | 75 |
| 7.75 | 70 |
| 7.25 | 65 |
| 6.75 | 60 |
| 6.25 | 55 |

(iv) In respect of GPA awarded to the candidates on a 7-Point Scale, the following Table of equivalence shall be followed for determining the percentage of marks obtained by them:

| Grade | Grade Point | Percentage Equivalent |
|-----------------|-------------|-----------------------|
| `O' Outstanding | 5.50-6.00 | 75-100 |
| `A' Very Good | 4.50-5.49 | 65-74 |
| `B' Good | 3.50-4.49 | 55-64 |
| `C' Average | 2.50-3.49 | 45-54 |

| Grade | Grade Point | Percentage Equivalent |
|-------------------|-------------|-----------------------|
| `D' Below Average | 1.50-2.49 | 35-44 |
| `E' Poor | 0.50-1.49 | 25-34 |
| `F' Fail | 0 - 0.49 | 0 -24 |

5. **Age limit:** 40 years as on the last date of submission of online application.
6. **Pay Scales of Assistant Professor:** Academic Level-10 [Rs. 57,700/- – Rs. 1,82,400/-] with admissible allowances as per 7th CPC.
7. **Application Fee:** Non-refundable application fee Rs. **1000/-** for General, OBC & EWS category. Application fee is exempted for SC/ST/PwBD & Woman candidates. Applicants are permitted to remit the application fee through SBI Collect at <https://www.onlinesbi.sbi/sbicollect/> by following the process mentioned in **Annexure-I**.

8. **How to apply:**

Interested candidates may visit <https://diatrec.samarth.edu.in> and submit online application. Applicants have to first register themselves, read the 'Important Information' and 'Advertisement' carefully before applying online for the specific post. The filled in downloaded online application form duly signed along with self-attested documents viz. relevant testimonials, certificates, payment receipts etc. must be sent by speed/ registered posts to the Deputy Registrar (Admin), Defence Institute of Advanced Technology (Deemed to be University), Girinagar, Pune (Maharashtra), Pin – 411025 so as to reach within prescribed due date failing which, their candidature may not be considered.

- The last date for submission of online application is **21/12/2024** till 11:55 pm and receipt of duly signed printed online filled-in application form at DIAT (DU) Pune is **31/12/2024** till 5.30 pm.

Note: Applications on e-mail or by hand will not be accepted.

9. **Important Dates:**

- | | | |
|--|---|-------------------|
| (a) Date of commencement of Online application | : | 22/11/2024 |
| (b) Last date of submission of Online application | : | 21/12/2024 |
| (c) Last date of receipt of hardcopy of online Application along with all enclosures | : | 31/12/2024 |

10. **General Conditions / Information:**

- The applicants are requested to go through all the instructions carefully and ensure that they fulfil all eligibility conditions. Their admission to all stages of the recruitment will be purely provisional and the final selection is subject to fulfilling the eligibility conditions. Hiding of information and providing false information will lead to cancellation of the candidature at any stage of recruitment.
- Candidates, who wish to apply for more than one post, need to apply separately for each post through online mode.
- Candidates should carefully fill up all the required details in the online application form including age, educational qualifications, Specialisations as per Para 3 above, details of valid category/PwBD certificates, Experience, details of the payment etc., as no correspondence regarding change of details will be entertained. If any of their claims are found to be incorrect, it will lead to rejection of their candidature.
- Persons serving in Govt./Semi-Govt./PSUs/HEIs should send the completed application along with all relevant supporting documents, duly self-attested, THROUGH PROPER CHANNEL.
- The Institute shall not be responsible under any circumstances for any sort of postal delay. Applications received after the due date is liable to be summarily rejected.
- All qualifications obtained by the candidates should be from any recognized University / Institution.
- The candidates are required to visit the Institute website (<https://diat.ac.in/>) regularly for any updates. The list of candidates shortlisted for further participation in the selection process such as presentation / interview etc. will be displayed on the institute website only. No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.

- (h) The Institute follows the reservation norms as per Govt. of India rules for SC, ST, OBC, EWS and PwBDs. Central Govt. approved list of SC, ST and OBC categories is applicable at DIAT, Pune. The SC/ST/OBC-NCL/EWS/PwBD candidates must upload the relevant certificate as per format prescribed by the Govt. of India. **OBC certificate (Non creamy layer) and EWS certificate should be issued on or after 01.04.2024.** OBC candidates under creamy-layer will not get the advantage of reservation under OBC category. **Women, PwBD and EWS candidates** are encouraged to apply.
- (i) **The Institute reserves the right -** (a) To withdraw the advertisement either partly or wholly at any time, without giving any reason. (b) To fill or not to fill up some or all the posts advertised for any reason whatsoever. (c) To increase/decrease the number of posts at the time of selection and make appointments accordingly. (d) To consider applications received after the last date. (e) To assign/transfer the selected candidates to any of the department within the Institute/campus and appointments may also be offered accordingly (f) To relax any of the qualifications, experience, age, etc. in exceptionally deserving cases of all posts on the recommendations of the Screening and Selection Committee as per the GOI/ UGC/ University norms (g) To consider the appointment on direct recruitment / on contract basis. (h) To decide criteria / procedure for shortlisting of the candidates.
- (j) All Original documents with one set of self-attested copies of the candidate will have to be produced at the time of interview for verification (if shortlisted).
- (k) Mere fulfilment of the above-mentioned qualifications and/or experience etc., does not entitle a candidate to be called for interview / selection process. Where number of applications received in response to the advertisement is large, it may not be convenient or possible for the Institute to interview all the eligible candidates. The Institute may restrict the number of candidates to be called for interview to a reasonable limit, on the basis of qualifications and experience higher than that of the minimum prescribed in the advertisement. Candidates should, therefore, furnish all the qualifications and experience possessed in the relevant field, over and above the minimum qualifications prescribed.
- (l) This advertisement contains department/school wise vacant positions. However, each department/school requires a particular specialisation, therefore, the Institute reserves the right to shortlist/select candidates as per requirement of specialisation/research area.
- (m) The candidate is responsible for correctness and authenticity of the information provided in the application. If it is found at later date that the information given in the application is incorrect/false, the candidature/ appointment/service is liable to be cancelled/ terminated.
- (n) Selected candidates are required to stay in suitable accommodation provided by the institute inside the campus.
- (o) In case of any inadvertent mistake in the process of selection which is detected at any stage even after the issue of appointment letter, the Institute reserves the right to modify/cancel the appointment and withdraw any communication made to the candidates.
- (p) In case of any dispute, decision of the Vice Chancellor, DIAT Pune, shall be final. Any legal proceedings in respect of any matter of claim or dispute arising out of this advertisement can be instituted in Pune and courts/tribunals/forums at Pune only shall have sole and exclusive jurisdiction to try any such cause/disputes.
- (q) Application once made will not be allowed to be withdrawn and fee once paid will NOT be refunded on any count nor can it be held in reserve for any other recruitment or selection cycle/process.
- (r) Any form of canvassing, directly or indirectly will result in disqualification of the candidature.
- (s) **NO INTERIM INQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED.** No information will be sent to those candidates who are not shortlisted for interview/not selected. Candidates are advised to check the DIAT Website <https://diat.ac.in/> for related information from time to time.
