

# **DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY**

**A Deemed to be University, u/s 3 of UGC Act, 1956 &  
An Autonomous Organisation fully funded by Department of  
Defence Research & Development, Ministry of Defence  
GIRINAGAR, PUNE-411 025**

**ADVT. No.04/FP/2013**

**Date: 18<sup>th</sup> Dec. 2013**

## **APPLICATIONS ARE INVITED FOR THE FACULTY POSITIONS, UNRESERVED & RESERVED (UNDER SPECIAL RECRUITMENT DRIVE) FOR FILLING UP VACANT POSITIONS**

1. The Defence Institute of Advanced Technology (DIAT), a Deemed to be University, u/s 3 of UGC Act, 1956 is a premier educational institute significantly contributing in the sphere of Human Resources Development for the Defence and Security Forces by way of imparting education 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, Public Sector Undertakings, Private Defence Industries and friendly foreign countries. The Institute is also active in carrying out result oriented research as required for defence and security.

2. The Institute is located in a picturesque environment on the banks of Khadakwasla Lake surrounded by Sahyadri hills. There is an all weather road between NDA and DIAT. The nearest Airport (30 kms) is at Lohegaon, Pune. The DIAT Campus is well served by the Pune Municipal Transport buses and is located on the Pune-Sinhagad road.

3. The Institute invites applications from **eligible Indian nationals** for faculty positions at the level of Associate Professor/Assistant Professor in its following Academic Departments:

### **A) DEPARTMENT OF APPLIED PHYSICS**

<b>Position</b>	<b>No. of Vacancies</b>	<b>Category</b>	<b>Area of Specialization</b>
Associate Professor	01	OBC	Theoretical Physics
Assistant Professor	01	SC	

**MINIMUM QUALIFICATIONS FOR APPOINTMENT:  
(For Applied Physics)**

1	Assistant Professor	<p>i) Good academic record with at least 55% of the marks or equivalent grade where grading system is practiced at the Master's degree level in a relevant subject from an Indian University, or an equivalent degree from an accredited foreign university. Preference will be given for 1<sup>st</sup> Class Degree holders at Master's and / or Graduate level.</p> <p>ii) Besides fulfilling the above qualifications, the candidate should have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.</p> <p>iii) Ph. Ds in appropriate field of Science &amp; Humanities will be given priority.</p> <p>iv) NET/SLET/SET shall also not be required for such Master Programmers in disciplines for which NET/SLET/SET is not conducted.</p>
2	Associate Professor	<p>i) Good academic record with a Ph. D. degree in the concerned/allied/relevant disciplines.</p> <p>ii) At least 55% marks, or equivalent grade wherever grading system is followed, at the Master's degree level. Preference will be given for 1<sup>st</sup> Class Degree holders at Master's and / or Graduate level.</p> <p>iii) A minimum of five years experience of teaching and/or research in an academic/research position equivalent to that of Assistant Professor in a University/College or Accredited Research Institution/Industry excluding the period of Ph. D. research with evidence of published work and a minimum of 5 publications as books and/or research/published papers in indexed/ISBN/ISSN numbered books/journals.</p> <p>iv) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process with evidence of having guided doctoral candidates and research students.</p>

**B) DEPARTMENT OF AEROSPACE ENGG.**

Position	No. of Vacancies	Category	Area of Specialization
Assistant Professor	01	ST	<p>Propulsion</p> <p>The candidate must have one degree (B.Tech or M.Tech) in Aerospace/Aeronautical/ Guided Missiles)</p>

**C) DEPARTMENT OF ELECTRONICS ENGG.**

Position	No. of Vacancies	Category	Area of Specialization
Associate Professor	01	ST	Microwave Engineering

**D) DEPARTMENT OF MECHANICAL ENGG.**

Position	No. of Vacancies	Category	Area of Specialization
Assistant Professor	01	OBC	Dynamics & Vibration

**E) DEPARTMENT OF MATERIALS ENGG.**

Position	No. of Vacancies	Category	Area of Specialization
Assistant Professor	01	SC	Metallurgy

**MINIMUM QUALIFICATIONS FOR APPOINTMENT:**

**(For Materials Engg, Electronics Engineering, Aerospace Engineering and Mechanical Engineering)**

Sr No	Post	Prescribed Qualifications and Experience
1	Assistant Professor	<p><b>Essential:</b></p> <p>a) Ph. D. Degree with a First Class at Bachelor's or Master's Degree in the appropriate branch of Engg., &amp; Tech., <b>and</b> relevant experience of 2 years in teaching, research and/or industry at the level of Lecturer or equivalent grade.</p> <p><b>Desirable:</b></p> <p>i) Teaching, research, industrial and/or professional experience in relevant area in a reputed organization;</p> <p>ii) Published work, such as research papers, patents filed/ obtained, books, and/or technical reports;</p> <p>iii) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&amp;D projects in industry.</p>

2	Associate Professor	<p><b>Essential:</b></p> <p>i) Ph.D. Degree with First Class at Bachelor's or Master's level in the appropriate branch of Engg., / Tech., and relevant experience of 5 years in teaching, research and / or industry at the level of Lecturer/Assistant Professor or equivalent grade, excluding period spent on obtaining the research degree.</p> <p><b>Desirable:</b></p> <p>i) Teaching, research, industrial and/or professional experience in relevant area in a reputed organization;</p> <p>ii) Published work, such as research papers, patents filed/ obtained, books, and/or technical reports;</p> <p>iii) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&amp;D projects in industry.</p>
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### **F) DEPARTMENT OF TECHNOLOGY MANAGEMENT**

Position	No. of Vacancies	Category	Area of Specialization
Associate Professor	01	UR	Technology Management
Assistant Professor	01	OBC	

#### **MINIMUM QUALIFICATIONS FOR APPOINTMENT:**

##### **[For Technology Management Discipline]**

1	Assistant Professor	<p>1. <b>Essential:</b></p> <p>First Class Masters Degree in Technology Management /Project Management / in a management related discipline or first class in two year full time PGDM declared equivalent by AIU / accredited by the AICTE / UGC.</p> <p>2. <b>Desirable:</b></p> <p>i) Teaching, research, industrial and / or professional experience in a reputed organization;</p> <p>Papers presented at Conferences and / or published in refereed journals.</p>
2	Associate Professor	<p>i) Consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading is followed) in Masters Degree in Technology Management /Project Management / in a relevant management related discipline or first class in 2 years full time PGDM declared equivalent by AIU / recognized by the AICTE / UGC.</p> <p>ii) Ph. D. or Fellow of Indian Institute of Management or of an Institute recognized by AICTE and declared equivalent by the AIU.</p> <p>iii) A minimum of 8 years experience of teaching / industry / research / professional at managerial level excluding the period spent for obtaining the research degree.</p> <p style="text-align: center;">OR</p>

	<p>iv) In the event the candidate is from industry and the profession, the following requirements shall constitute as essential requirements:</p> <p>1) Consistently good academic record with at least 55% marks (or and equivalent grade in a point scale wherever grading system is followed) in Master's Degree in Technology Management /Engineering/Project Management/ in a relevant management related discipline or first class in 2 years full time PGDM declared equivalent by AIU / recognized by AICTE / UGC.</p> <p style="text-align: center;">OR</p> <p>2) A minimum of 10 years experience of teaching industry / research / profession, out of which 5 years must be at the level of Assistant Professor or equivalent excluding the period spent for obtaining research degree. The candidate should have professional work experience, which is significant and can be recognized at national / international level as equivalent to Ph. D. and 10 years managerial experience in industry / profession of which at least 5 years should be at the level comparable to that of Lecturer / Assistant Professor</p> <p>v) 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, such as research papers, patents filed / obtained books and / or technical reports; and</p> <p>Experience of guiding the project work / dissertation of PG / Research Students or supervising R &amp; D projects in industry.</p>
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### **G) DEPARTMENT OF BIOSCIENCES & TECHNOLOGY**

<b>Position</b>	<b>No. of Vacancies</b>	<b>Cate-gory</b>	<b>Area of Specialization</b>
Associate Professor	01	SC	Biosciences, Biotechnology or research experience interfacing the areas of biology with chemistry/physics/materials/nanotechnology disciplines.
Assistant Professor	02	UR	

### **MINIMUM QUALIFICATIONS FOR APPOINTMENT:**

#### **[For Biosciences & Technology]**

1	Assistant Professor	<p>i) Good academic record with at least 55% of the marks or equivalent grade where grading system is practiced at the Master's degree level in a relevant subject from an Indian University, or an equivalent degree from an accredited foreign university.</p> <p>ii) Besides fulfilling the above qualifications, the candidate should have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.</p> <p>iii) Ph. Ds in appropriate field of Science with international publications will be given priority.</p>
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2	Associate Professor	<p>i) Good academic record with a Ph. D. degree in the concerned/allied /relevant disciplines.</p> <p>ii) At least 55% marks, or equivalent grade wherever grading system is followed, at the Master’s degree level.</p> <p>iii) A minimum of five years experience of teaching and/or research in an academic/research position equivalent to that of Assistant Professor in a University/College or Accredited Research Institution/Industry excluding the period of Ph. D. research with evidence of published work and a minimum of 5 publications as books and/or research/published papers in indexed/ISBN/ISSN numbered books/journals.</p> <p>iv) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process with evidence of having guided doctoral candidates and research students.</p>
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**Notes:**

1. If Class or Division is not declared at the Bachelor’s or Master’s Degree levels, an aggregate of not less than 60 % or equivalent Cumulative Grade Point Average (CGPA) is to be considered as equivalent to First Class;
2. In respect of CGPA awarded to the candidates on a 10-Point Scale , the following Table of equivalence shall be followed for determining the Class obtained by them:

3.

<b>CGPA</b>	<b>Percentage of Marks</b>
8.25	75
7.75	70
7.25	65
6.75	60
6.25	55

**SCALE OF PAY:**

Associate Professor : Rs. 37,400-67,000 AGP 9,000/- + Other Allowances as admissible to DIAT(DU) employees

Assistant Professor : Rs.15,600-39,100 With appropriate AGP [6000/7000/8000] as applicable according to UGC guidelines issued in this regard and Allowances as admissible to DIAT (DU) employees.

**APPLICATION FEE:**

An application fee of Rs.300/- (Rupees Three Hundred only) (***no application fee for Scheduled Caste/Scheduled Tribe candidates/PWDs/Women Candidates***) is payable separately for each post which should be **ONLY** in the form of crossed DD drawn in favour of “**Vice Chancellor, D.I.A.T.(DU), PUNE**”, payable at **State Bank of India, Girinagar Branch (Code 02155), PUNE-411025**, duly enclosed along with the application may be sent to **“Deputy Registrar (Admin), Defence Institute of Advanced Technology (A Deemed to be University), Girinagar, Pune-411025.**

## **HOW TO APPLY:**

The Application Form, prescribed application fee, recent passport size photograph (affix) and educational qualifications (provide copies) including Ph. D indicating the year of obtaining the degree, list of publications (with reprints of the best papers), API details and supporting documents (**Annexure- II**), teaching/research experience, date of birth etc, and other testimonials in support of experience etc. should be sent in a sealed envelope superscribed "Application for the post of -----against Advt. No.04/FP/2013 to the **Deputy Registrar (Admin), Defence Institute of Advanced Technology (Deemed University), Girinagar, Pune-411025**. The last date for receipt of applications is 20<sup>th</sup> January 2014. Applications received after last date will not be considered.

## **GENERAL CONDITIONS/INFORMATION:**

1. As per UGC regulations 2010, candidates for faculty positions should fulfill the minimum score requirement under the API (Academic Performance Indicator) scoring system. Please read the instructions given in UGC regulations 2010 before calculating API score. Only that API scores which have been accrued after 01<sup>st</sup> January 2006 will be taken into consideration. The candidate should satisfy himself/herself that he/she fulfills the minimum score requirement under the API scoring system. It may be noted that only those who satisfy the minimum prescribed API scores, will be considered for further selection procedure. [Note: This para is not applicable for the post of Assistant Professor (stage 1)].
2. Incomplete applications will not be entertained by the Institute.
3. The Institute reserves the right to consider and to fill positions in any of the above Specialization(s)/Department(s).
4. Candidates applying for more than one post should submit separate application form for each post. The application(s) should be accompanied by separate Demand Draft(s).
5. Candidates may also be considered for appointment on deputation for any of the above posts from Defence Research & Development Organization, Indian Space Research Organization and Other Public Sector Undertakings/Scientific organizations.
6. Reservation policy for SC, ST, OBC etc will be applicable as per UGC norms/Govt. of India rules. For availing reservation, the category certificate must be submitted in prescribed format along with the application and should indicate whether the candidate would like to be considered under the same. **Women and PWD candidates are encouraged to apply.**
7. Reservation for Persons With Disabilities [PWD] shall be applicable as per Govt of India rules subject to producing the Disability Certificate on the prescribed format issued by the Competent Medical Board.

8.

**Age limit :-**

Associate Professor	<b>45 years</b>
Assistant Professor	<b>40 years</b>

9. The date for determining the upper age limit, qualification and/or experience shall be the cutoff date [i.e. 20<sup>th</sup> Jan 2013].
10. Mere fulfillment of the above-mentioned qualifications/ experience etc., does not entitle a candidate to be called for interview. Where number of applications received in response to an advertisement is large, it may not be convenient or possible for the Institute to interview all the 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. The candidates should, therefore, furnish all the qualifications and experience possessed in the relevant field, over and above the minimum qualifications prescribed.
11. Candidates who are presently employed should submit their applications through proper channel only.
12. Relaxation in age, over and above the stipulated limit, educations qualification and/or experience will only be considered in case of exceptionally meritorious candidates with the approval of the Competent Authority.
13. Both ways 2AC Train fare is reimbursable to outstation unemployed candidates invited for the Interview.
14. 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.
15. NO INTERIM INQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED. The candidates are advised to check the DIAT (DU) Website [www.diat.ac.in](http://www.diat.ac.in) for related information from time to time.

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