



**DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY
(DEEMED UNIVERSITY), GIRINAGAR, PUNE-411 025**

ISO 9001: 2000 Certified Institute

**(An Autonomous Organisation fully funded by Department of
Defence Research & Development, Ministry of Defence)
(Telephone No. (020) 24304035/24304037/24389550)**

Advertisement No. 01/FP/2012

Date: 01 Jan 2012

APPLY ONLINE ON OR BEFORE 24 JANUARY 2012

(DIAT website <http://diat.ac.in>)

**APPOINTMENT TO FACULTY POSITIONS
(INCLUDING DIRECT RECRUITMENT, DEPUTATION AND
SHORT TERM CONTRACT)**

The Defence Institute of Advanced Technology (Deemed University), Pune invites applications for various Faculty Positions in the departments of Electronics Engineering, Computer Engineering, Applied Mathematics, Mechanical Engineering and Aerospace Engineering.

Please visit the website www.diatonline.co.in for further details. The date of commencement of online application is 01 Jan 2012. Last date of receipt of online application is 24 Jan 2012.

To apply, the applicant must fill in the Electronic Application Form specially designed for the purpose. Only applications received electronically followed by a hard copy thereof, will be entertained.

Applicants are requested to carefully go through the full text of the advertisement on DIAT website <http://diat.ac.in> regarding qualifications, subjects, field of specialization and experience etc. prescribed for each position and then fill up the Online Application Form (on www.diatonline.co.in) carefully. Selection will be based on the details furnished in the Online Application Form. Should you face any difficulty in submission of online application, please be free to contact us at recruit@diat.ac.in

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Advertisement No. 01/FP/2012/DIAT (DU)

Date : 01 Jan 2012

APPLY ONLINE ON OR BEFORE 24 JANUARY 2012

DIAT website: <http://diat.ac.in>)

APPOINTMENT TO FACULTY POSITIONS

**(INCLUDING DIRECT RECRUITMENT, DEPUTATION AND
SHORT TERM CONTRACT)**

1. The Defence Institute of Advanced Technology (DIAT) Deemed University (DU), is a premier educational institute significantly contributing in the sphere of Human Resources Development for the Defence Forces by way of imparting education and training on Defence Technology to the officers of Armed forces, scientists of the DRDO, Technical officers of the Ordnance Factory Board, Directorate of Quality Assurance, Public Sector Undertakings and friendly foreign countries. DIAT (DU) is an ISO 9001:2000 certified Institute. 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.

3. Defence Institute of Advanced Technology (Deemed University), Pune invites applications from eligible Indian nationals for faculty positions at the level of Professor/Associate Professor/Assistant Professor in its various academic Departments.

4. The Institute intends to fill up the faculty positions in the following Departments :

- (a) Electronics Engineering
- (b) Computer Engineering
- (c) Applied Mathematics
- (d) Aerospace Engineering
- (e) Mechanical Engineering

Contd. ...2/-

MINIMUM QUALIFICATIONS FOR APPOINTMENT OF TEACHING FACULTY :
(For Electronics Engineering, Aerospace Engineering and Mechanical Engineering)

Sr No	Post	Prescribed Qualifications and Experience
1	Assistant Professor	<p>Essential:</p> <p>a) Ph. D. Degree with a First Class at Bachelor's or Master's Degree in the appropriate branch of Engg., & Tech., <u>and</u> experience of 2 years in teaching, research and/or industry at the level of Lecturer or equivalent grade;</p> <p style="text-align: center;">OR</p> <p>i) First Class Master's Degree in the appropriate branch of Engg., & Tech., <u>and</u> experience of 5 years in teaching, research, industry and/or profession at the level of Lecturer or equivalent grade; and</p> <p>ii) Offer of admission for Ph. D degree in the appropriate branch of Engg., & Tech., with a requirement to obtain the Ph. D. Degree within 7 years* from the date of appointment to the post;</p> <p><i>(* Failure to fulfill this requirement, shall entail the stoppage of annual increments to the appointee, until such time that the Ph D Degree is earned. It is expected that the institute shall provide adequate opportunity to the appointee to fulfill this requirement.)</i></p> <p style="text-align: center;">OR</p> <p>(Applicable only to candidates from industry and the profession)</p> <p>i) First class Master's Degree in the appropriate branch of Engg., & Tech.; and</p> <p>ii) Significant professional work which can be recognized[#] as equivalent to a Ph.D Degree in the appropriate branch of Engg., & Tech., <u>and</u> industrial/professional experience of 2 years in a position equivalent to the level of Lecturer;</p> <p><i>(# This recognition shall be valid, only if the same is recommended unanimously by a 3-Member Committee of Experts appointed by the Vice Chancellor of the University.)</i></p>

Sr No	Post	Prescribed Qualifications and Experience
		<p>Desirable:</p> <ul style="list-style-type: none"> i) Teaching, research, industrial and/or professional experience in a reputed organization; ii) Published work, such as research papers, patents filed/obtained, books, and/or technical reports; iii) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&D projects in industry.
2	Associate Professor	<p>Essential:</p> <ul style="list-style-type: none"> i) Ph.D. Degree with First Class at Bachelor's or Master's level in the appropriate branch of Engg., / Tech., and 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 style="text-align: center;">OR</p> <p style="text-align: center;">(Applicable only to candidates from industry and the profession)</p> <ul style="list-style-type: none"> i) First Class Master's Degree in the appropriate branch of Engg., & Tech. ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engg., / Tech., and industrial /professional experience of 5 years in a position equivalent to the level of Lecturer/ Assistant Professor. <p>(* This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).</p> <p>Desirable:</p> <ul style="list-style-type: none"> i) Teaching, research, industrial and/or professional experience in a reputed organization; ii) Published work, such as research papers, patents filed/obtained, books, and/or technical reports; iii) Experience of guiding the project work/dissertation of UG/PG/Research students or supervising R&D projects in industry.

3	Professor	<p>i) Ph.D. Degree with First Class at Bachelor's or Master's level in the appropriate branch of Engg., / Tech., and experience of 10 years in teaching, research and / or industry, out of which at least 5 years shall be at the level of Reader/Associate Professor or equivalent grade.</p> <p style="text-align: center;">OR</p> <p>(Applicable only to candidates from industry and the profession)</p> <p>i) First Class Master's Degree in the appropriate branch of Engg., & Tech.</p> <p>ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engg., / Tech., and industrial /professional experience of 10 years, out of which at least 5 years at a senior level of Assistant Professor / Reader.</p> <p>(* This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).</p> <p>Desirable:</p> <p>i) Teaching, research industrial and / or professional experience in a reputed organization.</p> <p>ii) Published work, such as research papers, books, and / or technical reports, patents filed / obtained.</p> <p>iii) Experience of guiding project work / dissertation of PG / Research students.</p> <p>iv) Supervising R&D projects in industry.</p> <p>v) Demonstrated leadership in planning and organizing academic, research, industrial and / or professional activities.</p> <p>vi) Capacity to undertake / lead sponsored R&D, consultancy and related activities</p>
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For Computer Engineering		
1	Professor	<p>i) Ph.D. Degree with First Class at Master's level Computer Science /Computer Applications, and experience of 10 years in teaching, research and / or industry, out of which at least 5 years shall be at the level of Reader/Associate Professor or equivalent grade.</p> <p style="text-align: center;">OR</p> <p>(Applicable only to candidates from industry and the profession)</p> <p>i) First Class Master's Degree in Computer Science / Computer Applications.</p> <p>ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in Computer Science/ Computer Applications, and industrial /professional experience of 10 years, out of which at least 5 years at a senior level of Assistant Professor / Reader.</p> <p>(* This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).</p> <p>Desirable:</p> <p>i) Teaching, research industrial and / or professional experience in a reputed organization.</p> <p>ii) Published work, such as research papers, books, and / or technical reports, patents filed / obtained.</p> <p>iii) Experience of guiding project work / dissertation of PG / Research students.</p> <p>iv) Supervising R&D projects in industry.</p> <p>v) Demonstrated leadership in planning and organizing academic, research, industrial and / or professional activities.</p> <p>vi) Capacity to undertake / lead sponsored R&D, consultancy and related activities.</p>

For Applied Mathematics Discipline		
1	Professor	<p>i) An eminent scholar with Ph. D. qualification in the concerned / relevant discipline and published work of high quality actively engaged in research with evidence of published work with a minimum of 10 publications as books and/or research/published papers in indexed/ISBN/ISSN numbered impact journals and/or ISBN/ISSN numbered books. Preference will be given for First Class Degree holders at Master's or Bachelor degree.</p> <p>ii) A minimum of 10 years of teaching experience in university/college, and/or experience in research at the University/National Level institutions/industries, including experience of guiding candidates for research at doctoral level.</p> <p>iii) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process.</p>

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.

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

5. The requirements of the faculty positions and specializations for the various Departments are given below :-

Contd. ...7/-

Department	Position	Specialization
Electronics Engineering	Professor/Associate	Digital Communication Systems
	Professor/Assistant	Radar & Electronic Warfare
	Professor	Embedded systems
Computer Engineering	Professor	Soft Computing/ System Simulation/ Distributed Systems/ Mobile Computing/ Computer Networking / Protocol Software Engineering/ Theoretical Computer Science
Applied Mathematics	Professor	Computational Numerical Techniques, Soft Computing Techniques, Fluid Mechanics, Cryptography & Cyber Security, Statistics & Probability, Modeling & Simulation.

Department	Positions	Essential Qualification	Specialization
Aerospace Engineering	Professor/Associate Professor/Assistant Professor	Ph D in relevant area with M Tech/B Tech in Aerospace/ Mechanical/ Guided Missiles	Propulsion, Aerodynamics, Aircraft/Missile Structure, Systems
		Ph D in relevant area with M Tech/B Tech in Aerospace/ Guided Missiles / Electronics / Electrical Engineering	Missile Guidance, Missile Control
		Ph D in relevant area with M Tech/ B Tech/ M Sc in Instrumentation	Flight Instrumentation

Department	Positions	Essential Qualification	Specialization
Mechanical Engineering	Professor/Associate Professor/Assistant Professor	Ph D in area of specialization with first class or equivalent M Tech or equivalent in Mechanical Engineering with a very good academic record throughout	Gas Turbines/ Fluid Dynamics/ Heat Transfer/ Machine Design/ Solid Mechanics/ Finite Element/ Methods/Vibrations/ Dynamics/ Computer Aided Design/ Manufacturing Processes

SCALE OF PAY:

Professor	: Rs.37,400-67,000	AGP 10,000/- + Other Allowances as admissible to DIAT(DU) employees
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 as applicable according to UGC/MHRD guidelines issued in this behalf 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/PH Candidates/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 should reach to **“Deputy Registrar (Admin.), Defence Institute of Advanced Technology (Deemed University), Girinagar, Pune-411025** on or before 31 Jan 2012.

HOW TO APPLY :

To apply, the applicant must fill in the Electronic Application Form specially designed for the purpose (Please visit the website www.diatonline.co.in). Only applications received electronically followed by a hard copy thereof, will be entertained. Hard Copy of the Online Application Form, application fee, recent passport size photograph and educational qualifications including year of obtaining Ph. D., list of publications (with reprints of the best papers), teaching/research experience, date of birth etc, along with the names and addresses of five referees and other testimonials in support of experience etc. should be sent in a sealed cover super-scribed “Application for the post of ----- against Advt. No. 01/FP/2012“ to the **“Deputy Registrar (Admin.), Defence Institute of Advanced Technology (Deemed University), Girinagar, Pune-411025.**

GENERAL CONDITIONS/INFORMATION:

1. Incomplete applications will not be entertained by the Institute.
2. The Institute reserves the right to consider and to fill positions in any of the above Specialization(s)/Department(s).
3. Candidates applying for more than one post should submit separate online application form for each post. The hard copy(s) of each online application(s) should be accompanied by separate Demand Draft(s).

4. 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.
5. Reservation policy for SC, ST 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.
6. Reservation for persons with physical disabilities 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.

7. **Age limit :- Preferably below**

Professor	50 years
Associate Professor	45 years
Assistant Professor	40 years

8. The date for determining the upper age limit, qualifications and/or experience shall be the closing date prescribed for receipt of Online Electronics Application form i.e. 24 Jan 2012.
9. Mere fulfillment of the above-mentioned qualifications 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.
10. Candidates who are presently employed should submit their applications through proper channel.
11. 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 prior approval of the Competent Authority.
12. Both ways Sleeper Class Train fare is payable to outstation unemployed candidates belonging to SC/ ST category, invited for the Interview. Other Candidates will have to attend the interview at his/her own cost, if called for personal interview.
13. The last date for receipt of online applications is **24 Jan 2012**. The hard copy of the online application should reach us on or before **31 Jan 2012**. Applications received after the due date is liable to be summarily rejected.
14. Application once made will not be allowed to withdrawn and fees once paid will NOT be refunded on any count nor can it be held in reserve for any other recruitment or selection process.

15. NO INTERIM INQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED. The candidates are advised to check the DIAT (DU) Website <http://diat.ac.in> for related information from time to time

CHECK LIST

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|----|--|---|-----|--------------------------|--|----|--------------------------|
| 1. | Have you signed the Application?
(Tick ✓ Yes or No) | : | YES | <input type="checkbox"/> | | NO | <input type="checkbox"/> |
| 2. | Have you attached the Attested Copies of all the
Certificates/Testimonials?
(Tick ✓ Yes or No) | : | YES | <input type="checkbox"/> | | NO | <input type="checkbox"/> |
| 3. | Have you enclosed proof of Age?
(Tick ✓ Yes or No) | : | YES | <input type="checkbox"/> | | NO | <input type="checkbox"/> |
| 4. | Have you enclosed requisite Demand Draft ?
(Tick ✓ Yes or No) | : | YES | <input type="checkbox"/> | | NO | <input type="checkbox"/> |
| 5. | Have you enclosed Attested Copy of
SC/ST/OBC/PH Certificate?
(Tick ✓ Yes or No) | : | YES | <input type="checkbox"/> | | NO | <input type="checkbox"/> |
| 6. | Have you submitted your application online?
(Tick ✓ Yes or No) | : | YES | <input type="checkbox"/> | | NO | <input type="checkbox"/> |

To apply, the applicant must fill in the Electronic Application Form specially designed for the purpose. Only applications received electronically followed by a hard copy thereof, will be entertained.
