Defence Institute of Advanced Technology

Girinagar P.O., PUNE – 411025, Maharashtra, India. www.diat.ac.in

ADMISSION TO DOCTOR OF PHILOSOPHY AND POST GRADUATE PROGRAMMES - 2024

Defence Institute of Advanced Technology (DIAT) is a Technological Institute of National repute of MoD/DRDO for higher learning. The Institute imparts education and training in the Advanced Technologies used for Tri-services, DRDO, DPSU's etc.

The main focus of the institute is to evolve as an Innovative Unique Education/ Training and Research University to develop indigenous contemporary defence related technologies and also to provide technological solutions to the Services. DIAT is committed to generate high quality and talented human recourse in broad areas of Defence Technologies to cater the needs of DRDO, Armed Forces and other Defence establishments. The PG programmes are designed to include course of study, seminars, industry tours, Practice School and project/ thesis in association with DRDO/DPSU and other agencies through which a student may develop his/her concepts and intellectual skills. Above all, the students should have a capacity for free and objectives enquiry, courage and integrity, awareness and sensitivity to the needs and aspirations of society.

DIAT announces admissions to the following Post Graduate programmes for the academic year 2024-25, to eligible Indian citizens

A   MASTER OF TECHNOLOGY (M.TECH.) PROGRAMMES

Sr. No.	M. Tech Programmes	Specialization	Sr. No.	M. Tech Programmes	Specialization
1	Aerospace Engineering	➢ Guided Missiles ➢ UAVs	9	Nano Science and Technology	
2	Modeling and Simulation	➢ Modeling and Simulation	10	Quantum Computing	
3	Computer Science and Engineering	➢ Artificial Intelligence	11	Sensor Technology (ST)/ Laser and Electro-Optics (LEOC)	
4	Electronics & Communication Engineering	➢ Signal Processing & Communication ➢ Radar and Communication ➢ Defence Electronics Systems ➢ VLSI & Embedded Systems (^)	12	Mechanical Engineering	➢ Marine Engineering ➢ Armament and Combat Vehicles ➢ Mechanical System Design
5	Technology Management		13	Materials Engineering	
6	Data Science		14	Automation and Robotics	
7	Cyber Security		15	Green Technology	
8	Renewable Energy		16	Systems Engineering @	

^ In association with NIELIT, Calicut.
@ Only for Sponsored and Self Sponsored category.

B   MASTER OF SCIENCE (M.Sc.) PROGRAMME
➢ M.Sc in Food Technology (For Candidates Sponsored by MoD, PSUs or Industry) In association with DFRL, Mysore (DRDO)
➢ M.Sc in Material Science, M.Sc in Applied Physics (Photonics), M.Sc in Applied Chemistry, M.Sc (Tech) in Photonics, M Sc in Data Science

C   MASTER OF SCIENCE (MS) (BY RESEARCH) PROGRAMME (Only for candidates sponsored by DRDO/MoD)
D   DOCTOR OF PHILOSOPHY FOR ALL BRANCHES OF ENGINEERING AND SCIENCE.

ELIGIBILITY CRITERIA & SELECTION PROCEDURES

Master of Technology	Master of Science
DIAT offers MTech Programmes under 4 categories: Scholarship, Self Financed, Sponsored and Self Sponsored. **Category 1: Scholarship -** Candidates under Scholarship category (GATE Scholars) will be admitted for different M Tech Programmes through **CCMT 2024**. Admission Criteria will be strictly adhered to the guidelines of CCMT 2024. **Category 2: Self Financed -** Candidates under Self Financed category (NON GATE) will be admitted for different M Tech Programmes through Written Test in DIAT. **Category 3: Sponsored** - Candidates under sponsored category (MoD sponsored) will be admitted through Research & Training (R & T) and Postgraduate Training (PGT) schemes for DRDO and Tri-services Officers including Coast Guard respectively. Such candidates need to apply through their employer. These admissions shall be operated jointly by DIAT and RAC/DRDO (through DHRD/DRDO). **Category 4: Self Sponsored** - Candidates under Self Sponsored category (Tri-services/ DRDO/ Coast Guard/ DPSU/ any other Govt agency) will be admitted for different M Tech Programmes through Interview in DIAT. **NOTE 1:** Candidates under non-MoD **sponsored category** (DPSUs/Industry) will be admitted through by his/her employer. A separate selection committee appointed specifically for the purpose will examine the suitability/ eligibility. Such sponsored candidate must be in service of the sponsoring organization. The sponsoring organization must specifically undertake to relieve him/her to pursue the programme for its full duration. **Sponsored/ Self Sponsored/ Self Financed candidates are exempted from qualifying GATE requirement and there is no age limit.** **NOTE 2:** Refer the Institute website (www.diat.ac.in) for the details of eligibility w.r.t. the specialization.	**DIAT offers MSc Programmes under 2 categories: Sponsored and Non-Sponsored** **Category 1**: **Sponsored** - Candidates under sponsored category (DRDO/ Tri Services/ Defence PSUs/ Industry Sponsored) will be admitted through interview at DIAT. **Category 2**: **Non-Sponsored** - Candidates under Non-Sponsored category (JAM Scholars) will be admitted for different MSc Programmes through CCMN 2024. Admission Criteria will be strictly adhered to the guidelines of CCMN 2024.

RESERVATION POLICY
DIAT follows the reservation policy of Govt. of India as applicable to Higher Educational Institutions for reservation of seats for SC, ST, OBC and PWD candidates.

FINANCIAL ASSISTANCE
M Tech Scholarship Category students are eligible for Scholarship (Presently Rs. 12,400/- per month) under DBT scheme of AICTE, during the M. Tech Course.

BOARDING / LODGING
Mess facilities are available in the Hostel on payment basis.

APPLICATION PROCEDURE
✓   **Kindly visit our Institute website** www.diat.ac.in **for detailed procedure.**

CONTACT DETAILS
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