

Tel No : (020) 24304025

Fax No : (020) 24389509

Website: www.diat.ac.in

Replies are to be addressed

To "The Vice Chancellor"



Defence Institute of Advanced Technology

(Deemed University), Girinagar,

Pune - 411025

(An Autonomous Organisation fully funded by Defence Research

Development Organisation, Ministry of Defence)

LIST OF POST-GRADUATE PROGRAMS (M.Tech) FOR ACADEMIC YEAR 2022-23

Sr. No.	Programme Title (M.Tech)	Specialisations	Minimum Qualification with 55% of marks or 5.5 CGPA (on a 10-point scale) in the qualifying examination	Total No. of Seats (Including Sponsored Candidates)
1	Computer Science and Engineering	Artificial Intelligence	BE/B. Tech. in Computer Science/ Electronics/ Electrical/ Communication/Information Technology	24
2	Aerospace Engineering	Guided Missiles	B.E./B. Tech. degree in Aerospace, Aeronautical or AeSI/ Mechanical/ Electrical/ Electronics/ Electronics and Communication from recognized university .	48
		UAVs	B.E./B.Tech. degree in Aerospace, Aeronautical or AeSI/ Mechanical/ Electronics/ Electrical/ Electronics and Communication from recognized university .	
3	Mechanical Engineering	Marine	Bachelor's Degree in Mechanical / Marine Engg of a recognized Institute / University	48
		Armament and Combat Vehicles (ACV)	Bachelor's degree in Mechanical / Production / Automobile /Materials / Metallurgy / Mechatronics Engg disciplines from recognized University.	
		Mechanical System Design	B.E./B. Tech degree in Mechanical / Production/ Automobile / Mechatronics/ Metallurgy and Materials / Mining/ Aerospace Engineering disciplines from recognized University	
4	Electronics Engineering (EE)	Radar & Communication	B. E. / B. Tech degree in Electronics & Communication / Electronics/Communication/Telecommunication/ Engineering from any recognized university .	75
		Defence Electronics Systems (DES)	B.E./B. Tech degree in Electronics/ Communication/ Instrumentation/ Telecommunication Engineering from any recognized university. The core intake will be sponsored candidates from Defence R&D Organisation as DRDO, DGOF, Public Sector Undertakings and service officers who meet the eligibility criteria mentioned above.	
		Signal Processing & Communication	B. E. / B. Tech degree in Electronics & Communication/ Electronics/ Communication / Telecommunication Engineering from any recognized university .	
		VLSI & Embedded Systems (In collaboration with NIELIT, Calicut) (^)	B. E. / B. Tech degree in Electronics / Electrical / Communication / Telecommunication / Electronics & Instrumentation / E & TC Engineering / Computer Science & Engineering / Information Technology / Instrumentation Engineering	
5	Material Science and Chemical Technology	Materials Science and Technology (MST)	B.E / B.Tech (all discipline) or M.Sc. in any branch of Science	24
		Corrosion Technology		
6	Sensor Technology	-	Master degree in Physics/Applied Physics/Electronics/ Electronic Science / Photonics or equivalent/ Instrumentation Science OR B.E. / B. Tech (Any Discipline)	25

7	Modeling & Simulation	-	The candidate must have qualified from a recognized Institute / University in Bachelors Degree in Engineering / Technology / OR MSc / MS degree in CS /IT / Mathematics/ Physics /Electronics .Provided mathematics is one of the subject at the graduate level and Proficiency in computer programming is essential.	24
8	Opto Electronics and Communications Systems	Lasers and Electro Optics	Master degree in Physics/Applied Physics/Electronics/ Electronic Science / Photonics or equivalent/ Instrumentation Science OR B.E. / B. Tech (Any Discipline)	24
		Optical Communication & Photonics		
9	Materials Engineering	-	B.E / B.Tech (all discipline) or M.Sc. in any branch of Science	24
10	Data Science	-	B. Tech / BE degree in CS / IT / ECE / ME / AE. OR MSc / MS degree in CS / IT / Mathematics / Physics / Electronics, Provided 1) Mathematics is one of the subject at the graduate level and 2) Proficiency in computer programming	24
11	Quantum Computing	Quantum Communication & Sensing	Master degree or equivalent in Physics/Applied Physics/ Electronic Science / Photonics OR B.E. / B. Tech / B.Sc (Engg) or equivalent in Electronics Engg / Electrical Engg / Electrical & Electronics Engg / Electronics & (Tele) Communication Engg / Electrical Communication Engg / Electronics & Instrumentation Engg / Instrumentation Engg / Optics & Optoelectronics	24
12	Technology Management		B.E/B. Tech/M.Sc or equivalent from a recognized university / Institution of India.	24
13	School of Robotics	Automation Robotics	Bachelor's degree in Mechanical / Electrical / Electronics / Mechatronics / Computer Science / Instrumentations Technology / Aerospace / Aeronautical / Control / Automobile / Industrial / Instrumentations Design Engg	24
14	Nano Science and Technology		B.E/B. Tech(all Discipline) or M.Sc in any branch of science	18
15	Cyber Security		BE/B. Tech. in Computer Science/ Electronics/ Electrical/ Communication/Information Technology	18

^ In association with NIELIT, Calicut.

For Sponsored (DRDO/Triservices/DPSUs/Industry) category only.

\$ Subject to approval by Board of Study and Academic Council

@ Subject to approval by AICTE

- NOTE**
1. Candidates seeking admission to more than one M.Tech Programme /Specialization need to apply separately.
 2. Sponsored Candidates are exempted from qualifying GATE requirements and there is no age limit.
 3. A sponsored candidate must be in service of the sponsoring organization. The sponsoring organization must specifically undertake to provide full salary to the candidate and to relieve him / her to pursue the programme for its full duration.
 4. DIAT shall recognize equivalence for admission to various M.Tech Programme to the technical courses conducted by various Professional Bodies/ Institutions which were duly recognized by MHRD with permanent recognition upto 31st May 2013, as per AICTE Public Notice No.P&AP/10(04)/2017