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(An Autonomous Organisation fully funded
 by Defence Research
 Development Organisation, Ministry
 of Defence)

To "The Vice Chancellor"

LIST OF POST-GRADUATE PROGRAMS (M.Tech) FOR ACADEMIC YEAR 2024-25

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
1	Computer Science and Engineering	Artificial Intelligence	BE/B. Tech. in Computer Science/ Electronics/ Electrical/ Communication/Information Technology/ Comp Engg/ Comp Sci & Info Tech/ Comp Tech/ Comp Sci & Engg/ Elec & Tele Comm Engg/ Comp & Comm Engg	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 Engineering	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, DGO, 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	Sensor Technology/ LEOC	-	Master degree in Physics/Applied Physics/ Applied Science/ Electronics/ Electronic Science / Photonics or equivalent/ Instrumentation Science/ Nano Science and Tech/ Applied Electronics/ Engineering Physics/ Radio Physics and Electronics/ Remote Sensing OR B.E. / B. Tech (Any Discipline)	25
6	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

7	Materials Engineering	-	B.E / B.Tech (all discipline) or M.Sc. in any branch of Science	30
8	Data Science	-	B. Tech / BE degree in CS / IT / ECE / ME / AE CE/ CSE/ CS&IT/ ETE/ CT/ EE/ IS/ ISE/ ITE OR MSc / MS degree in CS / IT / Mathematics / Physics / Electronics/ Statistics/ OR/ MC, Provided 1) Mathematics is one of the subject at the graduate level and 2) Proficiency in computer programming	30
9	Quantum Computing	-	Master degree or equivalent in Physics/Applied Physics/ Electronic Science / Photonics/ Applied Science/ Material Science/ Nano Sci & Tech/ Radio Physics & Elec/ Remote Sensing 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	30
10	Technology Management	-	B.E/B. Tech/M.Sc or equivalent from a recognized university / Institution of India.	30
11	School of Robotics	Automation and Robotics	Bachelor's degree in Mechanical / Electrical / Electronics / Mechatronics / Computer Science / Instrumentations Technology / Aerospace / Aeronautical / Control / Automobile / Industrial / Instrumentations Design Engg	30
12	Nano Science and Technology	-	B.E/ B. Tech(all Discipline) or M.Sc in any branch of science	18
13	Cyber Security	-	BE/B. Tech. in Computer Science/ Comp Engg/ Comp Sci Engg/ Comp Sci & Info Tech/ Ele & Telecomm Engg/ Electronics/ Electrical/ Communication/Information Technology, Comp Aided Design of Structures/ Comp Networking/ MCA	24
14	Renewable Energy	-	BE/ B Tech in Mechanical/ Chemical/ Civil/ Electrical/ Electronics/ Biotechnology or Full time M Sc in Chemistry or Physics or Environmental Science	18
15	Green Technology	-	BE / B.Tech. in Chemical/ Mechanical/ Civil/ Environmental Science/ Biotechnology/ B Pharmacy or Full-time M.Sc. in all branches of Chemistry.	24

^ In association with NIELIT, Calicut.

- NOTE**
1. Candidates seeking admission to more than one M.Tech Programme /Specialization need to apply separately.
 2. Sponsored/ Self 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