



# Defence Institute of Advanced Technology

(Deemed to be University, under section 3 of UGC Act 1956)

Girinagar, Pune-411025

**Master of Science (by research) - July- 2026 Batch**

**Category - MoD Sponsored**

**Applications are invited for admission to Master of Science (by research) Programme for Session July - 2026, as per description below.**

**Details of Department-wise vacancies for admission to Master of Science (by research)**

**Programme July - 2026.**

Sr. No.	Department / Schools	Subject/Research Area	Vacancies
1	Applied Mathematics	Applied Mathematics, Mathematical Modelling and Simulation, Fluid Mechanics, Convective in porous medium Bio-Mechanics with AI & ML, Heat and Mass Transfer, FEM/AI/ML Methods to PDE, Numerical Solutions of PDEs with FEMs, FDMs and DDMs, Machine Learning for Numerical Methods and Scientific Computing, Mathematical Image Processing and Computer vision, AI for Scientific Discovery, Deep Learning, Computer Vision, LLM, Data Science, Machine Learning, Predictive maintenance, Non-Parameter Methods, Statistical, Machine learning, Dimension Reduction.	09
2	Electronics Engg.	Radar, Radar Signal Processing, FPGA, SAR, RF Photonics, Space Optical Communication, Optical Antenna/Filter/Isolator Design, RF, Microwave, EMI/EMC Shielding material, Antenna Stealth Technology, UAV, Signal Processing, Robotics, Drone Surveillance, Underwater Acoustic Intelligence, Radar, Anti Drone Technology, RFID, Antennas, Microwave Circuits, Wireless Power Transfer, Energy Harvesting, Embedded System, FPGA, VLSI, SoC, SDR, AI & ML	05
3	Metallurgical & Materials Engg	Polymer Composite, Biotechnology, Microbiology, Biochemistry, Nanocomposites, Flexible Electrodes, Textile Materials, Nanomaterial for Energy storage application, Nano composite for energy harvesting applications, Nano hybrid materials for drug delivery application, Polymer Nanocomposites, Polymeric foams, Carbon foams, High entropy alloys, Powder Metallurgy, Deformation behaviour of materials, Metal Matrix composites, Electrolysis, Metal Additive Manufacturing, Microstructure, Thermomechanical Processing of Metallic Material, Texture in metal alloys, Friction stir Processing / welding.	05
4	Applied Chemistry, Energy & Environment	MS with background in Chemistry, Physics, Nanomaterials, Defence Technology, Propellant, Pyrotechnics etc, Bio-fuels, Hydrogen fuels Cell, Solar thermal applications – Photovoltaics, Desalination. Energy Management, Solar Energy, Hydrogen storage and refuelling, Thermal Management, CFD and Heat Transfer, Sustainability.	03

5	Mechanical Engineering	Mech Vibration, FEM, Impact Mech Indentation, 3D Printing, Surface Engg, Composite Processing, Composite structures, Fracture Mechanics, FG, Heat Transfer, Fluid Mechanics, Flow (int).	04
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### **Eligibility for External Part - Time Research Scholar:**

- The qualifying degrees are: -
  - a) Bachelor's degree in Engineering / Technology or Master's degree in appropriate Science (M.Sc.) with good academic record.
  - c) The candidate must have at least two years' work experience to be considered under External Registration programme.
  - d) Additional and stiffer criteria than the minimum educational qualification given above may be set by the Selection committee from time to time for short listing candidates to be called for test/ interview.
  - e) A research scholar under external registration programme will normally carry out part or all of his/her research work in the organization employing the scholar under the supervision of a co-guide employed in the same organization and a guide at DIAT.

### **Last Date of Application:**

Duly filled-in application in the prescribed proforma may be forwarded to the Jt. Registrar (Acad), DIAT (DU), Girinagar, Pune-411025 so as to reach on or before **15<sup>th</sup> May 2026**

### **Selection Procedure:**

Eligible candidates possessing the minimum educational qualifications and satisfying additional criteria set by the department from time to time will be called for Test/ Interview by Selection committee.

### **Course Fee & Other Charges:**

**MoD Sponsored (DRDO & Service Officers) & MoD Self-Sponsored (DRDO & Service Officers) Candidate:** Selected candidates for the Ph.D. programmes are required to pay Semester Fee @ Rs.50,000/- per semester, Rs. 6000/- as admission fee (non-refundable) and caution deposit of Rs. 20,000/- payable immediately on joining

For Industry Sponsored, Other R&D Govt. Organizations, DPSU's, Govt. Industry etc are required to pay Semester Fee @ Rs. 65,000/- per semester Rs. 6000/- as admission fee (non-refundable) and caution deposit of Rs. 20,000/- payable immediately on joining,

### **Rules & Regulations :**

Rules and Regulations of the Post Graduate Programme is available at Institutes website [www.diat.ac.in](http://www.diat.ac.in)