Dhirubhai Ambani University Technology
Formerly DA-IICT

BS-MS
Dual Degree

Information Technology

Academics

Service to Society

DAU

Research & Innovation

Admissions 2026

Dhirubhai Ambani University Technology
Formerly DA-IICT

The School of Technology at Dhirubhai Ambani University (DAU) is a pioneering, forward-thinking institution of higher learning and research. Consistently recognized for its academic excellence, the School has been a cornerstone of technical and intellectual rigor since its inception in 2001. Originally established as DA-IICT—one of India's first institutions dedicated to Information and Communication Technology—it has evolved into the technological heart of a vibrant multidisciplinary university, accredited with **NAAC A+** grade and honored as a **Centre of Excellence by the Government of Gujarat.** It has also been awarded with a **5-Star** Rating by the Gujarat State Institutional Rating Framework (GSIRF) for three consecutive years.

As the institute celebrates **25 years of academic excellence**, it remains committed to advancing technological sustainability while simultaneously fostering a culture of entrepreneurship. The DAU School of Technology continues to strengthen its position as a leading center for technical education and research.

The DAU School of Technology offers a comprehensive suite of undergraduate, dual degree, postgraduate, and doctoral programs meticulously aligned with emerging and high-impact domains. The undergraduate and postgraduate programs at the School have received commendations from accrediting bodies for their innovative pedagogy and outcome-based learning approach.

The mission of the School is to become a first choice academic institute having high caliber students, a dynamic faculty, a sensitive administration, functioning within an atmosphere of innovative research, emphasizing academic cooperation and global collaboration. To educate engineers and technologists who can lead in a rapidly changing and challenging world.

The School's alumni network spans the globe, with graduates holding leadership roles in organizations such as **Google, Microsoft, Amazon, Oracle, Deloitte, Goldman Sachs, and JP Morgan**. Furthermore, over 100 alumni-led startups highlight the School's significant entrepreneurial impact on the global tech stage.

For the **Academic Year 2025–2026, Rs. 11 crores** is being disbursed by the Institute towards student scholarships. For the **Academic Year 2026–2027, Rs. 13 crores** has been budgeted for the same.

Interdisciplinary and Multidisciplinary Research Oriented Academic Programs

Program Level	Name of the Program	Duration	Unique Features
Doctoral	PhD	4-6 Years	- Personalized Mentor-Led PhD, Lab-Driven Research
Dual Degree	**BS-MS Dual Degree** in Information Technology	5 (3+1+1) Years	- From Code to Cloud to Enterprise - Build End to End Real-World Systems
	BS-MS Dual Degree in Data Science and Artificial Intelligence	5 (3+1+1) Years	- Develop the Expertise to Design Next-Generation Intelligent Systems & Drive Data-Driven Innovation across Industries
Postgraduate	**MTech** Information and Communication Technology (ICT)	2 Years	- Mastering next generation intelligent systems
	MSc Information Technology (IT)	2 Years	- Building scalable software for industry
	MSc Data Science (DS)	2 Years	- Driving decisions through predictive modeling
	MSc Agriculture Analytics (AA)	2 Years	- Tech-driven solutions for sustainable agriculture
	MDes Intelligent User Experience Design (IUxD)	2 Years	- Designing the future of interaction
Undergraduate	**BTech** Information and Communication Technology (ICT)	4 Years	- Connecting Computing with Communication Technologies
	BTech (Honours) in ICT with minor in Computational Science	4 Years	- ICT with Modeling, Simulation and Computation
	BTech Mathematics and Computing (MnC)	4 Years	- Computing with Depth, Logic and Applications
	BTech Electronics and VLSI Design (EVD)	4 Years	- From the Concept to Silicon Innovations
	BTech Computer Science and Artificial Intelligence (CS-AI)	4 Years	- Built on a Proven Tech Legacy - Designed for the Age of AI
	BTech Electronics and Communication Engineering-Artificial Intelligence (ECE-AI)	4 Years	- A future-ready engineering program that fuses classical Electronics & Communication Engineering with the power of AI

Dhirubhai Ambani University
Technology
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Information Technology is the foundation of today's digital world — powering financial systems, cloud platforms, e-commerce, healthcare infrastructure, cybersecurity, artificial intelligence, and global digital services. Organisations require professionals who can not only write software, but also design, deploy, secure, and manage large-scale technology systems.

This program addresses that need through:

- **Strong Computing and Engineering Foundations** Deep knowledge of programming, data structures, databases, operating systems, networks, and system design that underpin all modern technology systems.

- **Modern, Industry-Aligned Technology Skills** Practical expertise in full-stack development, cloud computing, DevOps, cybersecurity, distributed systems, and AI-enabled development workflows.

- **Hands-On, Real-World System Building** Continuous project-based learning, internships, and applied engineering experience using modern tools and deployment environments.

- **Integrated, Future-Ready Learning Pathway** A seamless five-year program with flexible exit options, advanced specialization, and preparation for evolving technology careers.

The **BS–MS Dual Degree in Information Technology** program bridges the gap between academic learning and real-world engineering, preparing students to build, operate, and lead modern digital systems.

Many traditional programs focus primarily on programming or theoretical computing, with limited exposure to real-world system deployment, cloud infrastructure, security, and modern engineering workflows. Few offer an integrated pathway that develops complete technology professionals with both strong foundations and hands-on expertise.

Why This Program?
Unlike conventional programs that emphasise only programming or theory, this program integrates

- **Strong Computing & Engineering Foundations** Programming, data structures, operating systems, databases, and networks

- **Modern Industry-Relevant Skills** Full-stack development, cloud computing, DevOps, cybersecurity, distributed systems

- **Hands-On System Building** Project-based learning, internships, and real-world deployment experience

- **Integrated Learning Pathway** Seamless progression from fundamentals to advanced specialisation

Who is This Program For?
Unlike conventional programs that emphasise only programming or theory, this program integrates:

- Students interested in computing and digital systems
- Aspiring software engineers, cloud engineers, and cybersecurity professionals
- Learners who enjoy problem-solving and hands-on development
- Those seeking a structured pathway from fundamentals to advanced expertise

Program Structure

The **BS–MS Dual Degree in Information Technology** is a five-year program that combines foundational computing knowledge with advanced system design, cloud platforms, cybersecurity, and enterprise technologies. The program bridges the gap between academic learning and real-world engineering practice. The program follows a Multi-exit framework aligned with NEP 2020 and DAU's interdisciplinary philosophy.

MS (Master of Science/ Master of Science by Research

BS (Bachelor of Science (Honours)

BSc (Bachelor of Science)

Foundations 37 Credits	Systems & Web 38 Credits	Software & Intelligence 38 Credits + Internship 4 Credits	Cloud & Platforms 34 Credits	Innovation & Immersion 35 Credits
Open Electives (Online): 9 Credits				
Co-Curricular Activities: 5 Credits				
Year I	Year II	Year III	Year IV	Year V

Learning Progression

- **Year 1 – Foundations** Programming, digital systems, mathematics, and computational thinking.

- **Year 2 – Systems & Full-Stack Development** Algorithms, operating systems, databases, networks, and web technologies.

- **Year 3 – Software Engineering & Cloud Systems** Software engineering, cloud computing, distributed systems, and applied ML.

- **Year 4 – Enterprise Systems & Advanced Technologies** Cloud architecture, DevOps, cybersecurity, enterprise platforms.

- **Year 5 – Specialisation & Industry Immersion** Advanced electives, major project, internship or research thesis.

The program follows a carefully structured year-wise progression that advances students from foundational understanding to independent innovation.

The program is designed as a 200-credit structure, balancing core computing knowledge with applied learning and specialisation.

Core Components - 111 Credits (55.5%): The core curriculum provides strong foundations in computing, systems, and professional skills essential for modern Information Technology careers.

- **Information Technology – 42%**
  Programming, data structures and algorithms, databases, operating systems, computer networks, software engineering, cloud computing, distributed systems, and enterprise application development.
- **Mathematics – 6%**
  Discrete mathematics, linear algebra, probability, and statistical methods that support computational thinking, system design, and intelligent systems.
- **Humanities and Social Sciences – 6%**
  Communication, economics, environmental studies, and professional skills that prepare students to work effectively in organizational and societal contexts.
- **Design – 1.5%**
  Design thinking and user-centered approaches for building effective, scalable, and user-friendly technology solutions.

Elective and Applied Components – 89 Credits (44.5%)

- **Track Electives (Specialization) – 14%**
  Advanced courses in Software Engineering, Cloud and DevOps, Cybersecurity, and Data and AI Systems, enabling students to build expertise aligned with career pathways.
- **Projects, Seminar, and Industry Internship – 20.5%**
 Applied projects, capstone work, and a full-semester internship or thesis that provide hands-on experience in designing, building, and deploying real-world systems.
- **Open Electives – 3%**
  Courses from other domains such as entrepreneurship, innovation, and technology management, supporting interdisciplinary learning.
- **Online Open Electives – 4.5%**
  Curated external courses in emerging technologies, allowing students to learn from leading global platforms and institutions.
- **Co-Curricular and Professional Development – 2.5%**
  Technical activities, innovation projects, and professional engagement that support practical skill development and career readiness.

Specialization Through Track Electives
Students develop advanced expertise through structured specialization pathways aligned with major industry roles. Each track enables students to build deep technical knowledge and professional identity in their chosen domain.

- **Administration and Operations (Cloud, Infrastructure, and DevOps)**
- **Software Engineering and Development**
- **Security and Cybersecurity**
- **Data Analysis and AI Systems**

Career Opportunities
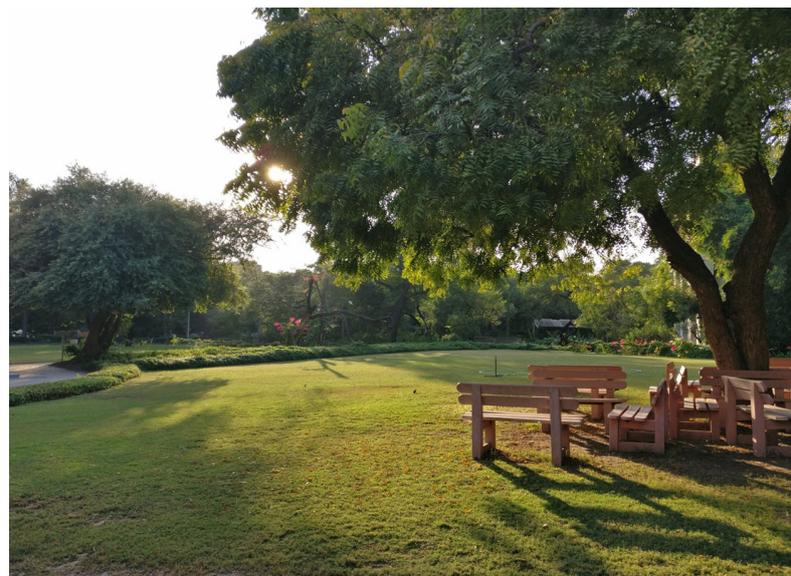
Career Outcomes

The **BS–MS Dual Degree in Information Technology** prepares graduates for impactful careers across software engineering, cloud computing, cybersecurity, enterprise systems, and emerging digital technologies. With strong foundations in computing, system design, cloud platforms, and modern development practices, graduates are equipped to build, deploy, and manage scalable and secure technology systems across industries.

Industry & Corporate Sector
- Software Engineer / Full-Stack Developer
- Cloud Engineer / DevOps Engineer
- Backend or Frontend Engineer
- Site Reliability Engineer (SRE)
- Enterprise Systems Consultant (ERP/CRM)
- QA Automation Engineer / Systems Engineer

Cloud, Infrastructure, and Cybersecurity
- Cloud Solutions Architect
- Infrastructure Engineer / Platform Engineer
- Cybersecurity Analyst / Security Engineer
- Network and Systems Engineer
- Security Operations and Risk Analyst

AI-Enabled Systems and Emerging Technologies
- Applied Machine Learning Engineer
- AI-Augmented Software Engineer
- Automation and Intelligent Systems Developer
- Data and Platform Engineer

Research and Higher Studies
- Pursue a Ph.D. in Computer Science, Information Technology, Cloud Computing, Cybersecurity, or related fields
- Join research labs and technology innovation centers
- Contribute to research in distributed systems, secure computing, and scalable digital platforms

Entrepreneurship and Innovation
- Build software products and digital platforms
- Launch startups in cloud services, SaaS, and enterprise technology
- Create technology consulting or digital transformation ventures
- Develop innovative solutions for industry and society

Technology Leadership and Consulting
- Technical Product Manager
- Technology Consultant
- IT Business Analyst
- Digital Transformation Specialist
- Technology Project Manager

Program Details

- Duration: 5 (3+1+1) Years
- Intake: 120
- Mode: Full-Time

Eligibility Criteria

- Class XII (or equivalent) with Mathematics as a compulsory subject
- Minimum 60% aggregate (or equivalent)
- Candidates appearing in their class 12th final examinations may apply

Selection Process

Admissions shall be conducted through the following channels.

- **DAU Entrance Test**
  - Applicants will be evaluated on Mathematics, Quantitative Aptitude, and English.

- **National-Level Entrance Examinations**
  - The Joint Entrance Examination - Main (JEE Main) will use only the Mathematics percentile.
  - Common University Entrance Test - UG (Mathematics and English)

- **Direct Admission Category**
  - Exceptional Board Performance: ≥ 99.5 percentile (or equivalent as determined by the Institute) in the qualifying Board examination.
  - Applicants Qualified for IMOTC / EGMOTC, or IOITC, or Awarded Gold or Silver Medal at the Indian National Olympiad in Informatics (INOI).

- **International / NRI Category**
  - SAT or ACT scores, or
  - JEE Main Mathematics percentile.

Important Dates

Online Application Opens	**March 30, 2026**
Online Application Closes	**May 25, 2026**
DAU Entrance Test	**June 14, 2026**

Fees Structure

At the time of counselling an amount of Rs. 1,75,000 (Rs. 1,50,000 towards Tuition Fee for the First Semester and Rs. 25,000 towards a Caution Deposit) - The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

Tuition fee	Rs. 1,50,000 per Semester
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 25,000 (Refundable at the end of the program)
Hostel Rent	To be updated
Food	To be updated

Scholarships

To be updated

- **Mukhya Mantri Yuva Swavalamban Yojna, Government of Gujarat**
- **Hon. Chief Minister Scholarship Scheme, Government of Gujarat**
- **Digital Gujarat Portal, Government of Gujarat**
- **National Scholarships Portal, Government of India**
- **Cybage Khushboo Scholarships**

Education Loan:

The Institute facilitates access to education loans through selected banks and supports students in completing the loan documentation process with the bank of their choice.

For Inquiries
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