



**Dhirubhai Ambani  
University  
Technology**

Formerly DA-IICT

# MSc.

# Information Technology

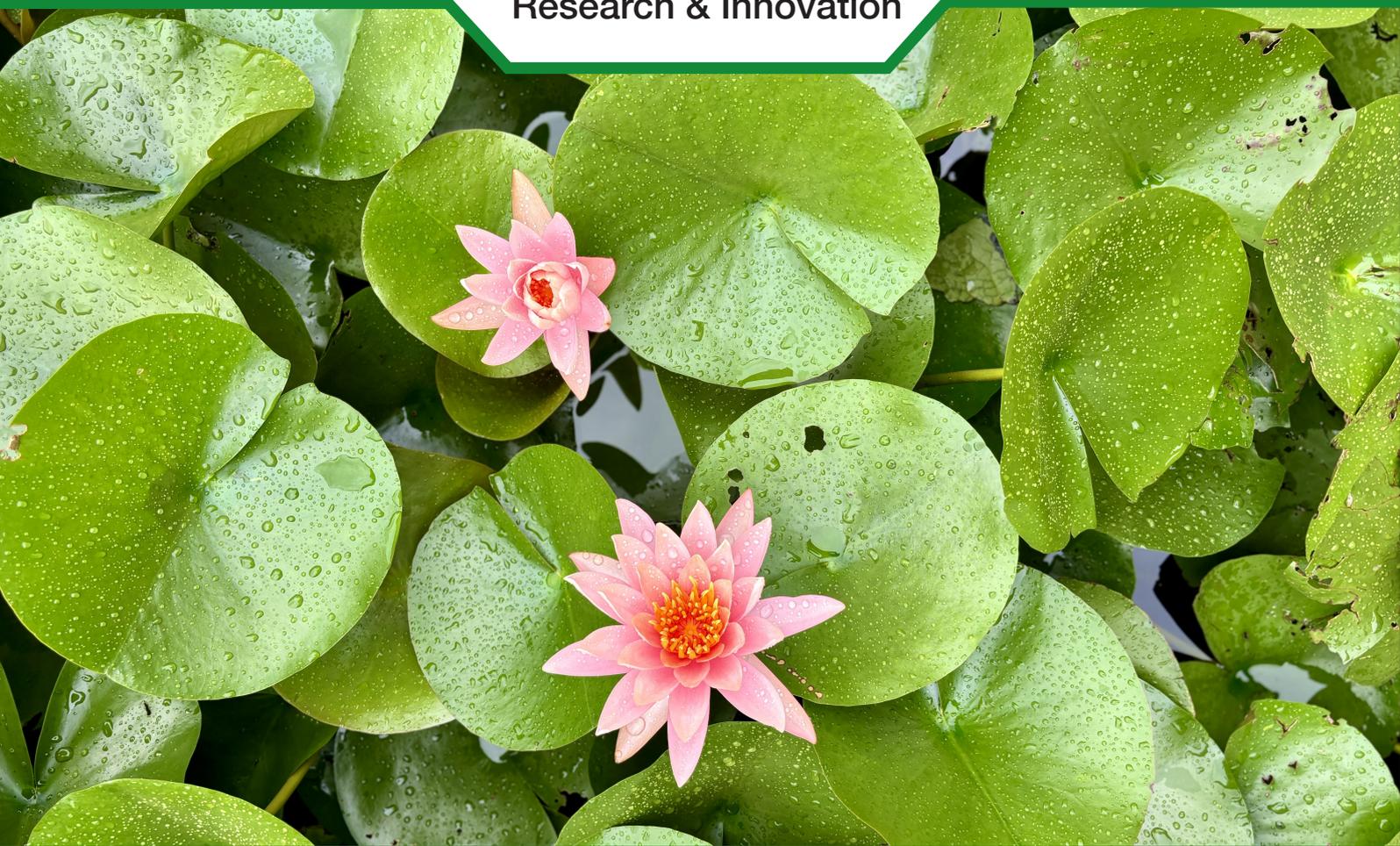


Academics

Service to Society

**DAU**

Research & Innovation



## Admissions 2026

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	<b>BS-MS Dual Degree</b> in Information Technology	5 (3+1+1) Years	- From Code to Cloud to Enterprise - Build End to End Real-World Systems
	<b>BS-MS Dual Degree</b> 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	<b>MTech</b> Information and Communication Technology (ICT)	2 Years	- Mastering next generation intelligent systems
	<b>MSc</b> Information Technology (IT)	2 Years	- Building scalable software for industry
	<b>MSc</b> Data Science (DS)	2 Years	- Driving decisions through predictive modeling
	<b>MSc</b> Agriculture Analytics (AA)	2 Years	- Tech-driven solutions for sustainable agriculture
	<b>MDes</b> Intelligent User Experience Design (IUxD)	2 Years	- Designing the future of interaction
Undergraduate	<b>BTech</b> Information and Communication Technology (ICT)	4 Years	- Connecting Computing with Communication Technologies
	<b>BTech</b> (Honours) in ICT with minor in Computational Science	4 Years	- ICT with Modeling, Simulation and Computation
	<b>BTech</b> Mathematics and Computing (MnC)	4 Years	- Computing with Depth, Logic and Applications
	<b>BTech</b> Electronics and VLSI Design (EVD)	4 Years	- From the Concept to Silicon Innovations
	<b>BTech</b> Computer Science and Artificial Intelligence (CS-AI)	4 Years	- Built on a Proven Tech Legacy - Designed for the Age of AI
	<b>BTech</b> 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

## Why a M.Sc. program in IT?

MSc (IT) is an intensive program designed to build a prosperous professional career in Information Technology. The program aims to groom students to excel in a dynamic, fast-growing and highly demanding software industry - as software engineers, analysts, system designers, and team leaders. A graduate of the program will be well-educated in three crucial and complementary requirements for building a successful IT career -

1. Sound theoretical foundation
2. Ability to analyze, conceptualize and design systems
3. Fluency with modern software design and development tools

## Characterization of the Program:

- A semester-long industrial internship
- Impart practical knowledge through hands-on laboratory assignments at every stage
- Build a strong theoretical foundation through continuous evaluation
- Courses taught are aligned with IT industry demands
- Learning through the latest tools and technologies

The Master of Science in Information Technology is an intensive two-year post-graduate program (4 semesters) designed for students who wish to pursue a professional career in Information Technology. **The courses are carefully designed to guide the students through basic concepts to the current practices in the industry.** The program focuses on training a student in the theoretical foundations of Information Technology, its application and implementation related aspects. The program aims to make students industry ready to take up large scale projects with their technical and

managerial skills gained while going through the process. Students will learn various aspects of programming and explore areas in information technology such as information security, designing of software systems, databases and algorithms. The students not only learn to write the code but also understand the logic and algorithm behind it. The algorithmic approach of solving real-life problems will help the students to get in-depth knowledge of the software, language and programming to make them industry-ready.

The programme offers a broad technical understanding of current and evolving technologies in the IT field such as web programming, system programming, cloud computing, DevOps, software development skills. The students who are diligent, creative and possess excellent analytical skills; and ready to take up challenging roles to build a career in the IT industry can opt for this program.

As students come from different academic backgrounds, it is important to get everybody up to speed and on the same level. To do so, we offer several foundation level courses in the first semester. In subsequent semesters, a pedagogical approach is focused on **“learn through practice”**, incorporated in the form of mini-projects and case studies in addition to advanced courses. The program relies on a wide range of teaching methods including lectures, tutorials, case study analysis, lab exercises, projects as well as extras throughout the year.

Hands-on Laboratory experience is emphasized at every stage of the program. Along with the hands-on experience in the semester courses, students are required to carry out internships in two stages: One in the summer semester (8 weeks) and the other in the last semester

# Program Overview

(16 weeks). Internships play a major role in accomplishing the objective of project-based reinforcement of concepts learned in various courses. The internships are designed to facilitate students' professional integration. It enables them to apply their newly acquired skills and knowledge to hands-on experience as interns within an organization. The students can carry out their internships either in industries or on-campus (under the supervision of faculty member(s)).

## Program Design:

The program is designed to impart skills to students that are relevant, current and what the IT industry is looking for. The course content of this program builds a solid foundation of knowledge in the first two semesters and then lets students learn specific skills through various elective subjects. The subjects such as Enterprise Computing, Cloud Computing, Design of Software Systems help students bring their skills to a level expected of budding IT professionals.

At the end of the program, it is expected that the students attain a sound theoretical foundation; an ability to analyze, conceptualize and design systems; and competence in modern software design and development tools. A typical graduate in IT at DAU can expect to build a career as a software engineer, an analyst or a system designer.

**Industrial Internship**

**Hands-On Experience**

**Theoretical Foundation**

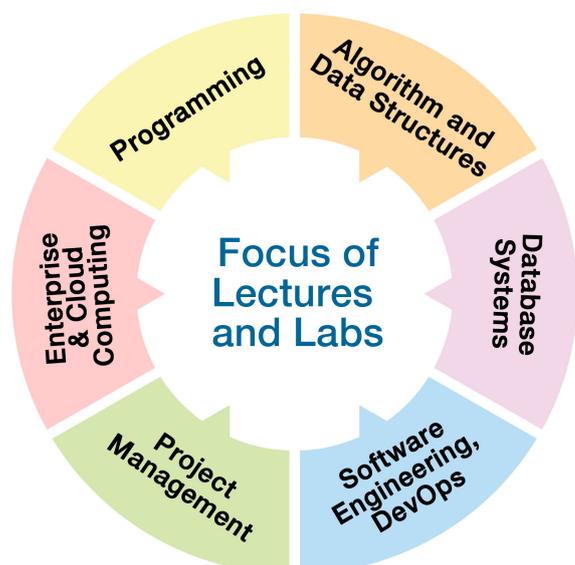
**Industry-Oriented Program**

**Latest Technologies & Frameworks**

**Characterization of the Program:** Algorithmic approach, Programming, Industrial Internship, Software Design and system programming, communication skill, project management, software development skills.

## Uniqueness of the Program:

- Industry and practice-oriented program
- Program courses have laboratory/project components
- Continuous evaluation



## Autumn Semester (Semester-I)

Course Name	Credits (L-T-P-C)
Discrete Mathematics	3-1-0-4
Introduction to Programming	3-0-2-4
Data Structures	3-0-2-4
Database Management Systems	3-0-2-4
Communication Skills	3-0-0-3

## Winter Semester (Semester-II)

Course Name	Credits (L-T-P-C)
Object Oriented Programming	3-0-2-4
Introduction to Algorithms	3-0-2-4
Systems Programming	3-0-2-4
Software Engineering	3-0-2-4
Computer Networks	3-0-2-4

## Summer

Summer Internship (8 Weeks)	8 credits
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## Autumn Semester (Semester-III)

Course Name	Credits (L-T-P-C)
Software Design and Testing	3-0-2-4
Web Services and SoA	3-0-2-4
Web & Mobile Development	3-0-2-4
Technical Elective	3-0-2-4
Open Elective	3-0-2-3

## Winter Semester (Semester-IV)

Project Internship (16 Weeks)	16 credits
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## Internships

Students of this program are to take the following two internships typically taken in industry

- **Summer Internship** in the first summer semester for about eight weeks
- **Project/Industrial Internship** – Full time in Final Semester

**Total seats: 120**

## Eligibility Criteria

A Bachelor's degree holder from a recognized University in any stream with an aggregate of 60% marks, or its equivalent as per the norms set by the degree granting institute/university, in the qualifying degree examination is eligible to apply. Candidates appearing in their final Degree examination and expecting to complete it by July 2026 may also apply. However, their final admission will be subject to the condition that they obtain an aggregate of 60% marks, or its equivalent as per the norms set by the degree granting institute/university. All admitted candidates have to submit their degree certificates or proof of completion of Degree, before 30<sup>th</sup> October 2026 failing which their admission is liable to cancellation.

## Selection Process

The selection of candidates will be based on the entrance test to be conducted at selected centres all over the country.

## Important Dates

Online application website opens	<b>24<sup>th</sup> March 2026</b>
Last date for submission of online applications	<b>25<sup>th</sup> May 2026</b>
Entrance test	<b>14<sup>th</sup> June 2026</b>



## 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	Rs. 37,800 per semester
Food	On actuals. There are multiple food options available in the campus (The expense will be approximately Rs.5,500 pm)

**\*Subject to revision every Academic Year from 8 to 10%.**

## Education Loan

The Institute will facilitate the students to avail educational loan from selected Banks. The bank officials will be present on campus at the time of registration of admitted students so as to enable the students to obtain details on procedures and terms and conditions of the loan. The students can also avail loan from banks of their choice and in either of the case; the Institute will extend support in completing the loan documentation process.

## Financial Support

The Institute provides financial support in the form of scholarships to eligible students.

For Inquiries  
Email: [pg\\_admissions@dau.ac.in](mailto:pg_admissions@dau.ac.in)  
Voice call: 079 69 08 08 08  
For more details please visit: [www.dau.ac.in](http://www.dau.ac.in)