Dhirubhai Ambani University
Technology

Formerly DA-IICT

MSc.
Data Science

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	**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

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Objective of the Programme

With the advent of digital revolution most of the organizations are deluged with humongous volume of data in the structured and unstructured form. Globally the organizations are facing a huge challenge in converting the information into knowledge for making better decisions. Building skills in data science is thus increasingly valuable for organizations. Data science is poised to infiltrate all organizations. Organizations at the frontier of knowledge have begun taking advantage of data science to grow and transform their strategies. A deep understanding of data science, and its role in business is now essential for the leaders to position their organizations, given that the upcoming wave of competition is going to be based on this new science. They need to identify the opportunities for data science to be used profitably, to understand its implication in the business and plan its implementation. Thus, for a forward-looking organization, it is essential to invest in building capabilities in data science to survive and grow. DAU being an eminent institute in the ICT domain considers it appropriate to design and offer a master's programme in Data Science to produce highly skilled bright young industry-ready data scientists to cater to the needs of the data focused organizations.

Program Content

The program offerings comprise courses of three broad types: foundational courses on statistics, mathematics and computer science including database management and programming in Python and R; advanced courses on machine learning, deep learning, artificial intelligence, big-data storage and processing, optimization, data visualization, time-series analysis, multimedia data analysis; finally, a one semester internship with an industry or with a faculty on a cutting-edge research problem in data science. The program also includes value added courses to make the student industry ready.

As the participants in the program come from varied academic backgrounds, it is important to bring every student on the same level playing field. Keeping this in view, the foundational courses are offered in the first semester. In the second and the third semesters, the advanced level courses are offered. Value added courses are offered during the summer break. Finally, the internship happens in the last semester.

Pedagogy

The program relies on a wide range of teaching methods including lectures, tutorials, case studies, lab exercises, and projects throughout the year. The program's emphasis is on learning by doing and this is imparted in the form of mini-projects and case-studies.

Participants

Science (Statistics, Mathematics, Physics)/ IT/ Computer Science/ Data Science/ Economics/ Engineering Graduates or its equivalent with good mathematical aptitude, basic programming skills and inclination to pursue a career in data science.

Professionals who are interested in upskilling in the field of data science.

Outcome of the program

On completion of the program the participants would

- Acquire a strong foundation in data management and data analysis
- Be well-versed with state of the art Data Analytics tools & techniques
- Demonstrate skills to formulate and solve real-life problems using data
- Develop data driven decision making skills and be equipped to apply technology in Business
- Demonstrate a critical awareness of the current areas of business where data science is applied

Autumn Semester (Semester-I)

Course Name

Mathematical Foundation for Data Science
Data Structures and Algorithms *(Lab:Python)*
Statistical Methods *(Lab:R)*
Fundamentals of Machine Learning
Introduction to Database Management

Winter Semester (Semester-II)

Course Name

Numerical Optimization
Interactive Data Visualization
Big-Data Engineering
Neural Network of Deep Learning
Technical Elective-1

*Mini Project (to be executed in phases 1,2,3) will start in second semester and will continue till the end of third semester. Mini-project (1,2,3) will be done under the supervision of the same faculty member. Students are expected to work on Mini Project during summer semester also.

Summer Break

1. Value Added Courses (Compulsory) – Pass/Fail

   The students are required to have a Pass grade of Value Added Courses, which would be offered in the Summer Semester after their second semester. The Value Added courses can have multiple modules with a minimum of 60 hrs of training covered from different modules.

2. Minor Projects

Autumn Semester (Semester-III)

Course Name

Machine Learning System Engineering
Data Science Elective
Technical Elective-2
Minor Project (Continued)

Winter Semester (Semester-IV)

Industrial Training / Major Project

Technical Electives in the areas of

- Image Processing
- Speech Processing
- Computer Vision
- Natural Language Processing
- Financial/ Business Data Analysis
- Computational Finance
- Information Retrieval
- Social Media Analytics
- Security
- Cloud Computing
- Data Warehousing and Data Mining
- Statistical Foundation for Data Science

Total seats: 60

Eligibility Criteria

- A Bachelor's degree in Science from a recognized university with a minimum aggregate of 60% or its equivalent, as determined by the degree-granting institution, in disciplines such as Statistics, Mathematics, Physics, Computer Science, Economics, Econometrics, and Operational Research; OR

- A Bachelor's degree in Engineering or Technology from a recognized University with a minimum aggregate of 60% or its equivalent, as determined by the degree-granting institution, in disciplines such as Computer Science, Information Technology, Electronics, Electrical Engineering or Electronics and Communication.

- Candidates holding BCA, BSC (IT), BSC (AI/ML), and B.Sc. (Data Science) degrees with a minimum aggregate of 60% or its equivalent, as determined by the degree-granting institution, are also eligible to apply.

- Additionally, candidates must have passed the 12th standard with Mathematics as a main subject.

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 obtaining a minimum aggregate of 60% marks or its equivalent, as determined by the degree-granting institute/university. All admitted candidates must submit their degree certificates or proof of completion of the degree by 30 October 2026; failure to do so may result in cancellation of their admission.

There is no age limit applicable to this program.

Selection Process

The selection of candidates will be based on an entrance test conducted at designated centers nationwide. The tentative list of centers includes DAU Gandhinagar, Ahmedabad, Bhopal, Bengaluru, Chennai, Mumbai, Hyderabad, Patna, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat, Udaipur, Bhavnagar, Bhilai, Bhubaneswar, Chandigarh, Guwahati, Jammu, Kochi, Lucknow, Pant Nagar, Porbandar, Ranchi, and Vijayawada. Admission will be granted based on the aggregate score achieved in the entrance test, as reflected in the final merit list.

How to Apply

Candidates submit an online application by clicking on the link given on the Institute website.

Admission Offer

Final merit list of the confirmed and wait-listed candidates (based on their performance in the entrance examination) shall be posted in the website of the institute.

Important Dates

Online application website opens
24th March 2026

Last date for submission of online applications
25th May 2026

Entrance test **14th June 2026**

For Inquiries
Email: pg_admissions@dau.ac.in
Voice call: 079 69 08 08 08
For more details please visit: www.dau.ac.in

Fees Structure*

At the time of counselling an amount of Rs. 1,80,000 (Rs. 1,50,000 towards Tuition Fee for the First Semester, Rs. 5,000 for Value Added Courses, 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
Value Added Courses	Rs. 5,000 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.