



**Dhirubhai Ambani
University**
Technology

Formerly DA-IICT

BS-MS

Dual Degree

Data Science & Artificial Intelligence



Academics

DAU

Service to Society

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

Program Overview

Artificial Intelligence and data-driven systems are transforming every sector—healthcare, finance, climate science, manufacturing, governance, and digital platforms. Organisations today require professionals who not only understand algorithms but can design, deploy, and manage responsible AI systems at scale.

The **BS–MS Dual Degree in Data Science & Artificial Intelligence** is a five-year integrated program that combines undergraduate breadth with postgraduate depth, enabling students to develop both analytical rigour and systems capability within a unified academic pathway.

Unlike traditional programs that focus either on computer science or analytics, this program integrates:

- **Rigorous Modelling & Systems Thinking**
Strong mathematical foundations combined with scalable, production-ready AI systems.
- **Advanced & Trustworthy AI**
Modern machine learning, generative models, and autonomous systems, developed with interpretability, ethics, and responsibility at the core.
- **Real-World & Multi-Domain Applications**
Hands-on problem solving across domains such as finance, energy, healthcare, climate, and public policy.
- **Flexible & Immersive Learning**
Multi-exit options, industry internships, applied projects, and research-driven capstone experiences.

The program seamlessly integrates **Data Science and Artificial Intelligence**, where data science focuses on extracting insights and enabling informed decisions, and AI focuses on building intelligent systems that learn, adapt, and act autonomously.

By combining both, the program prepares students to move from **data understanding to intelligent system creation**, bridging the gap between innovation and responsible deployment.

Who is This Program For?

This program is designed for students who:

- **Have a strong interest in mathematics, statistics, and computing**, and want to understand the science behind intelligent systems, not just how to use them.
- **Seek depth as well as application**, combining rigorous analytical training with hands-on system design and deployment.
- **Aspire to build next-generation AI systems**, including advanced machine learning, autonomous models, and scalable data platforms.
- **Are motivated by research, innovation, and real-world problem solving** across domains such as finance, healthcare, energy, climate, and public policy.



Program Structure

The **BS–MS Dual Degree in Data Science & Artificial Intelligence** is a comprehensive five-year program that builds expertise across the full spectrum of data-driven intelligence: from foundational mathematics to advanced autonomous AI systems. 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	Core Modeling 38 Credits	Machine Learning & Systems 37 Credits + Internship 4 Credits	Frontier & Applied AI 36 Credits	Research & Translation 34 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** Core grounding in programming, mathematics, and introductory data science. Emphasis on understanding and applying fundamental concepts.
- **Year 2 – Analytical Depth** Systems-oriented computing and statistical modelling. Students learn to analyse computational and probabilistic methods with greater rigour.
- **Year 3 – Applied Machine Learning & AI** Machine learning, big data systems, and applied AI. Focus on integrating and evaluating models in practical, real-world settings
- **Year 4 – Advanced AI & Deployment** Specialised AI architectures, scalable deployment frameworks, and domain-centric applications. Students begin designing complex AI solutions.
- **Year 5 – Research, Innovation & Industry Immersion** Thesis or industry internship. Emphasis on independent problem formulation, solution design, evaluation, and development at the highest level of intellectual engagement.

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

Curriculum Highlights

This is a 200-credit, five-year program designed to balance theoretical depth, practical capability, and experiential learning.

Core Components - 110 Credits (55%): The core curriculum ensures strong scientific and engineering foundations:

- **Computing (17.5%)**
Programming, data structures, algorithms, systems, and scalable computing.
- **Data Science & AI (16%)**
Statistical modelling, machine learning, deep learning, and AI systems.
- **Mathematics (14%)**
Linear algebra, calculus, probability, optimisation, and analytical methods.
- **Humanities & Social Sciences (7.5%)**
Ethics, economics, policy, communication, and responsible technology.

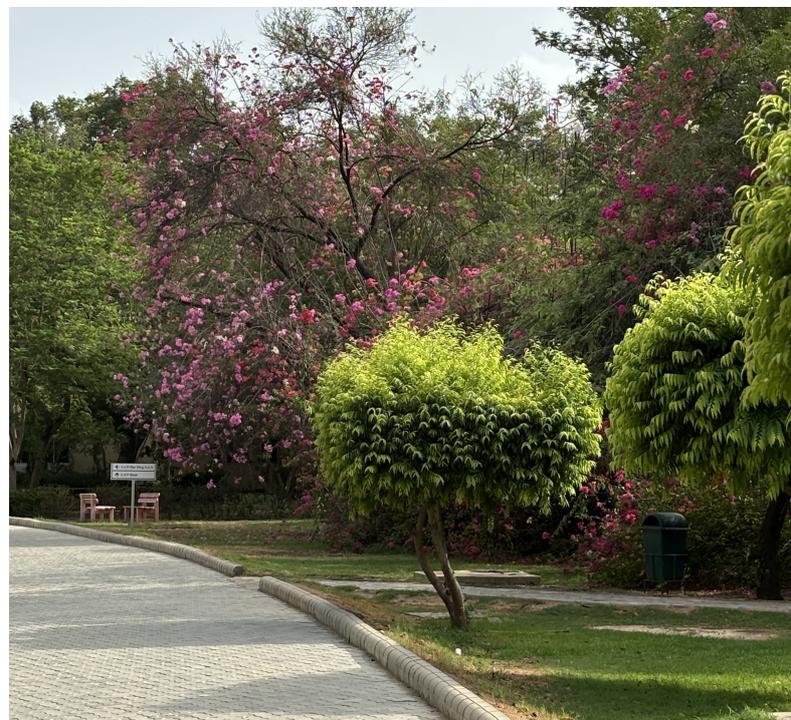
Elective & Applied Components – 90 Credits (45%): Students progressively tailor their academic pathway through:

- **Program Electives (15.5%)**
Advanced AI, data engineering, autonomous systems, and domain-specific analytics.
- **Open Electives (4.5%)**
Courses from other disciplines to broaden intellectual exposure.
- **Online Open Electives (4.5%)**
Curated external courses aligned with emerging technologies.
- **Projects, Seminars & Internships (18%)**
Industry immersion, research engagement, and applied AI system design.
- **Co-Curricular Activities (2.5%)**
Innovation labs, technical competitions, student clubs, and professional development.

Program Elective Baskets: To reflect the interdisciplinary and evolving nature of Data Science and Artificial Intelligence, elective courses are organised into four thematic baskets.

- **Modelling in AI & Machine Learning**
Advanced mathematical, statistical, and algorithmic foundations for designing intelligent models and learning systems.
- **Systems & Engineering for AI**
Scalable, reliable, and production-ready AI system design, deployment, and infrastructure.
- **Domains & Applied Analytics**
Application of data science and AI techniques to real-world sectoral challenges.
- **Ethics, Governance & Emerging AI**
Responsible AI, policy, interpretability, and emerging trends in trustworthy intelligent systems.

This structure enables flexible specialisation through curated elective baskets, allowing students to choose courses each semester based on their interests. It ensures balanced exposure to theory, systems, applications, and responsible innovation while aligning with the programme's broader objectives.



Career Outcomes

The BS–MS Dual Degree in Data Science & Artificial Intelligence prepares graduates for high-impact careers across industry, research, entrepreneurship, and public policy. With strong foundations in mathematics, computing, AI systems, and responsible technology, students graduate with both analytical depth and the capability to deploy in the real world.

Industry & Corporate Sector

Typical Roles Include:

- Data Scientist
- Machine Learning Engineer
- AI Engineer
- Data & Cloud Architect
- Business Intelligence Analyst
- AI / Analytics Product Manager

Research & Higher Studies

- Pursue Ph.D. programs in Machine Learning, Explainable AI, Computational Sciences, or Human-Centered AI
- Join applied research laboratories and innovation centers
- Contribute to R&D divisions working on next-generation AI systems

Entrepreneurship & Innovation

- Found AI and analytics startups
- Build scalable AI-based products and platforms
- Launch consulting ventures focused on data strategy and AI deployment
- Lead technology-driven innovation initiatives

Governance, Policy & Social Impact

- Data Policy Analyst
- AI Strategy Consultant
- Smart Infrastructure Specialist
- Technology Policy Advisor

Education & Professional Consulting

- Academic and teaching roles
- Professional training in data science and AI
- Strategic consulting for AI adoption and digital transformation



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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Voice call: 079 69 08 08 08

For more details please visit: www.dau.ac.in