



## B.Tech. in

- **Computer Science and Engineering (AI-ML)**
- **Information and Communication Technology**

### Introduction

The Faculty of Engineering Sciences & Technology (FEST) provides a diverse selection of programs to educate and prepare students to apply contemporary knowledge and technological advances in various Engineering and Applied Sciences domains such as CSE, ICT, Energy, CIE and Applied Sciences. Our devoted and experienced faculty strive to equip students with the skills necessary to develop innovative technological advancements.

The curriculum and course structure at FEST offer academic flexibility and some programs incorporate a choice-based credit system, making it compliant with NEP-2020. In addition, students have access to state-of-the-art Infrastructure and can benefit from professional body memberships.

### Strengths and Differentiators

#### State-of-the-Art Infrastructure

Modern campus with advanced laboratories, high-end AI/ML GPU workstations, GIS, IoT, Electronics Design, Communication and Project Management facilities supporting cutting-edge research and innovation.

#### Highly Qualified & Research-Driven Faculty

Doctoral-qualified faculty members with diverse specializations fostering a strong academic and research ecosystem through a student-centric approach.

#### Industry-Aligned Curriculum

Well-structured curriculum designed as per industry skill set expectations with strong integration of AI, emerging technologies, and practical learning components.

#### Academic Flexibility & Multidisciplinary Learning

Elective system, option to pursue Minors alongside Major programmes, and NEP-aligned enabling personalized academic progression.

#### Strong Industry Connect & Support

Robust industry collaboration including internships, mentoring, expert lectures, and placement opportunities with strong corporate support.

#### Structured Internship & Placement Ecosystem

Mandatory internships, structured placement training from second year, mock drives, interview preparation, and communication enhancement sessions.

#### Research & Innovation Ecosystem

Dedicated research facilities with advanced computational infrastructure encouraging projects in AI/ML, Deep Learning, VLSI, Sensors, Edge computing, and emerging domains.

#### Professional Body Engagement

Active memberships and student chapters of global and national professional bodies such as ACM, IEEE, IEEE Women in Engineering, Computer Society of India, Indian Green Building Council, Institution of Civil Engineers, and Indian Concrete Institute.

#### Holistic Student Development

Comprehensive grooming through curricular, co-curricular, and extra-curricular activities, supported by 20+ active clubs and professional chapters.

#### Vibrant & Inclusive Campus Culture

Safe, inclusive learning environment with strong student participation in national competitions (Hackathon, Ideathon, Robocon, e-Yantra, etc.), cultural events, technical fests, sports activities, and scholarship support systems.

## Computer Science and Engineering

(Artificial Intelligence & Machine Learning)

The Department of CSE offers a 4-year full-time B.Tech. degree with an advanced curriculum on Artificial Intelligence and Machine Learning specialization. A course designed to develop intellectuals and professionals of a high order, potentially focused to face future technological challenges. The department is geared with a strong foundation with pedagogy and research blended into the teaching-learning paradigm. The program offers updated courses on core, applied, and innovation-driven computer science curricula with hands-on laboratories designed on the latest technological streams of study.

The takeaway from this program enlists a comprehensive knowledge of a wide range of topics pertaining to Deep Learning, Computer Vision, Neural Networks, Data Analytics, and Expert Systems. The specialization courses are designed such that they help prospective graduates for professions in automated, Health Care, Manufacturing, Agriculture, Education, and Public Utilities.

### Facilities

- AI-ML Lab
- Analog & Digital Communication Lab
- Applied Physics Lab
- Communication Lab
- Cyber Security Lab
- Data Analytics Lab
- Database Lab
- Digital Electronics Lab
- Edge AI Lab
- Electronics Device Lab
- Embedded System Lab
- High Performance Computing Lab
- IoT & Sensors Lab
- Microprocessor Lab
- Network and Security Lab
- Operating System Lab
- Programming Lab
- Signals & Systems Lab
- Simulation Lab
- VLSI Lab
- Web Application Development Lab

### Apply Now



[www.adaniuni.ac.in](http://www.adaniuni.ac.in)

Call / Whatsapp:

9099900872 | 9099002732

[admissions.fest@adaniuni.ac.in](mailto:admissions.fest@adaniuni.ac.in)

## Information and Communication Technology

The department of ICT offers a 4-year full-time B.Tech. degree with intersection of 3 core engineering branches: computer engineering; information technology; electronics and communication engineering. It aims for an integrated communication system to meet contemporary communication requirements. In today's industry 4.0 era and advancements in semiconductor technologies, information Communication & Technology (ICT) plays a significant role. Industry 4.0 without ICT is devoid of its soul. It covers the strengthening, retrieving, manipulating, transmitting, and receiving of the information vital to major sectors like infrastructure, defense, healthcare, and energy sectors amongst others.

### B.Tech. Admission Eligibility

- 75% of the total intake will be admitted as per the eligibility criteria prescribed by ACPC. For more information please visit: <https://acpc.gujarat.gov.in/>
- 10% of the total intake will be from candidates qualified in JEE (Main) – 2026 on all India basis.
- 15% of the total intake will be admitted from NRI / NRI-sponsored candidates based on JEE (Main) – 2026. Notarized copy of the affidavit sworn – in by the NRI sponsor to be submitted. Download Affidavit Format. Genuine NRI candidates are exempted from JEE examinations.

### Prominent Placement Partners

	and many more...				