Ahmedabad University

SCHOOL OF ENGINEERING AND APPLIED SCIENCE

PLACEMENTS 2025

ABOUT

Ahmedabad University

Ahmedabad University was founded in 2009 by Ahmedabad Education Society (AES), a non-profit educational foundation in Ahmedabad. Ahmedabad University is envisioned to become a global leader that provides liberal arts education within a research university. Interdisciplinary curriculum, experiential learning environment, and research define an Ahmedabad education. We are reimagining the classroom beyond the physical walls and focusing on the whole development of each student in an engaging and nurturing environment.

Located in the centre of a vibrant and entrepreneurial city, our education is contextually rich and globally connected. Our world-class education attracts over 3600 students from twenty-two Indian states and seven countries.

Ahmedabad University is dedicated to fostering continuous progress of self and society. We are transforming higher education in India. Our graduates bear the capabilities, attitudes, and values to excel in whatever field they choose to pursue around the world.

We recognise that social challenges and job opportunities are occurring at the intersection of various axes of influence, defined by disciplines (data, materials, biology, and behaviour), nature (air, water, forests, and land), sectors of impact (health, transport, energy, and education), and society (individual and community). Accordingly, Ahmedabad University strives to guide students on how to learn through interdisciplinary academics and real-life experiences that traverse these intersections. The research programmes at the University also embody this integrative philosophy.

We prepare leaders of outstanding character who will contribute significantly to their fields of study and practice. The University promotes independent-mindedness and diversity across all dimensions of its activities and helps students mature into critical thinkers who become are analytically equipped, practically oriented, and contextually-aware global citizens.

Ahmedabad's dynamic learning environment is based on cross-disciplinary linkages between the arts, sciences, and professional disciplines. This forms the bedrock of the intellectual enterprise at the University and our research that builds knowledge for solving society's challenging problems. Our concern remains the social, economic, and ecological development of local, national, and international communities.

Schools

Amrut Mody School of Management

School of Arts and Sciences

School of Engineering and Applied Science

School of Public Health

Centres

Ahmedabad Design Lab

Centre for Heritage Management

Centre for Inter-Asian Research

Centre for Learning Futures

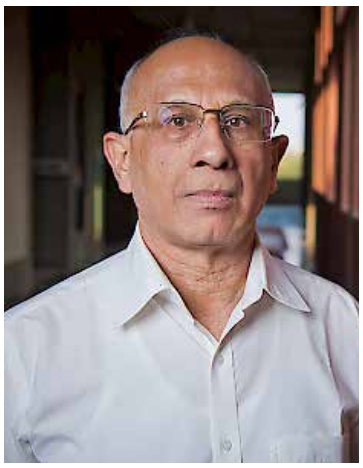
Global Centre for Environment and Energy

International Centre for Space and Cosmology

Sahyog Centre for Promoting Health

VentureStudio

Message from the Office of the Dean



We at Ahmedabad University are committed to providing an education that equips graduates to think critically and creatively to pursue fruitful careers.

The BTech curriculum gives a sound foundation on a broad spectrum of engineering topics, enabling the graduate to work effectively in cross-disciplinary teams and learn new topics. The hands-on learning model is emphasised in many courses along with project-based activities.

The school has well-equipped laboratories, fabrication facilities, study spaces, and a well-stocked library with e-books. Courses are taught by a team of highly qualified faculty who strive to impart high-quality education and to nurture students to grow intellectually and professionally.

Students regularly organise tech fests, workshops, and events of professional societies, and participate in extracurricular activities. We are confident that studying at the School of Engineering and Applied Science ensures a sound engineering education and a nuanced approach to real-world challenges.

Sunil Kale
Dean
School of Engineering and Applied Science

(PhD, Stanford University)

School of Engineering and Applied Science

The School delivers undergraduate and graduate engineering programmes with extensive student-centric pedagogies to achieve excellent learning outcomes. Our project-based educational approach helps shape dynamic and proactive graduates with capabilities for lifelong learning, complex problem-solving, design and innovation, and adaption of technology towards meeting the needs of society. We not only teach technology but actively guide and nurture the use of technology in ways that are impossible to attain with conventional approaches.

Bachelor of Technology

The Bachelor of Technology programme at Ahmedabad University offers an entry point for careers and higher studies in engineering and technology, while also preparing students for future roles as entrepreneurs and innovators. The unique curriculum offers a wholesome education, providing in-depth focus through Majors in different branches of engineering, alongside a robust multidisciplinary foundation in engineering, the humanities, and the social sciences. Strong emphasis is laid on teamwork, design, learning-by-doing, project-based learning, and developing communication skills. The education is contextualised within broad societal issues with sustainability being a common theme.

The underlying focus is on strong and rigorous fundamentals and concepts, application to engineered equipment and systems, and hands-on learning about products and equipment in a multi-subject setting within each Major. The pedagogy emphasises questioning, experimenting, and developing learning skills that will enable students to face careers wherein change is the norm. Apart from classroom instruction, students are provided exposure to the engineering of products and design methodology in a laboratory setting, using contemporary tools of analysis and design, including software packages widely used in engineering industries.

The School of Engineering and Applied Science offers three Majors within the Bachelor of Technology programme: Chemical Engineering, Computer Science and Engineering, and Mechanical Engineering. The core courses of each Major provide in-depth knowledge specific to the concerned branch, while a set of courses called Engineering Foundation, which is common to all Majors, imparts foundational knowledge and skills in topics fundamental to Engineering in general.

BTech with a Major in Computer Science and Engineering

The curriculum design of the Major in Computer Science and Engineering is in keeping with the multidisciplinary emphasis of the BTech programme as a whole. The programme is designed to ensure a rigorous grounding in the field of computer science with added emphasis on the physical and architectural design of modern computer systems.

The breadth of the training provided in Computer Science and Engineering is aimed at enabling graduates to design, develop, and deploy computing systems across the hardware–software spectrum.

The core courses in Computer Science and Engineering introduce students to themes such as digital electronics, data structures, database management system, computer organisation, computer architecture, algorithm design, operating systems, computer networks, embedded system design, and theory of computing. These courses will enable students to develop expertise as well as widen their competence through exposure to deep research in the areas of data science, cyber physical systems, intelligent systems, and theoretical computer science. Electives will allow students to develop their own area of specialisation within the major.

The Computer Science and Engineering Major, with its innovation and multidisciplinary approach, equips students to explore the areas of research, higher education, and employment alike in software engineering, hardware design, Internet of Things (IoT), data analytics, and many others.

BTech with a Major in Chemical Engineering

The Major in Chemical Engineering trains students to embark on successful careers in diverse areas comprising the chemical engineering profession. It also prepares students for advanced chemical engineering studies and pursuit of other fields, such as science, law, medicine, business, and public policy. Upon completing this major, the student can solve complex chemical engineering problems using knowledge of mathematics, science, and engineering basics; examine critical issues in petroleum refining, petrochemicals, fertilisers, dyes and intermediates, bulk and fine chemicals, bio-products and pharmaceuticals; design equipment and plants for chemical and allied processes and perform feasibility analyses for starting new plants; apply modelling, simulation and optimisation tools for process development; and identify measures for energy, environment, health, safety and society while following ethical principles.

BTech with a Major in Mechanical Engineering

The Major in Mechanical Engineering is structured around in-depth courses in the mechanics of machines, mechanical design, thermo-fluids, materials, manufacturing, and manufacturing systems. The use of simulation and design, and extensive hands-on training in experimentation and design-to-manufacturing are also incorporated in the coursework. The overall approach is to integrate the different subfields to accentuate the cross-disciplinary nature of Engineering, in general, and Mechanical Engineering, in particular.

The curriculum is designed to address two aspects—the breadth in engineering via the Engineering Foundation coursework, and the depth via the Major core courses.The pedagogy emphasises questioning, experimenting, and developing learning skills to succeed in a career where change is the norm. Students are exposed to the engineering of products and design in a laboratory setting, where they have an opportunity to use contemporary tools of analysis and design, including software packages widely used in engineering industries. They are encouraged to learn teamwork alongside strong engineering skills.

Master of Technology in Computer Science and Engineering

The School of Engineering and Applied Science offers a two-year MTech programme in Computer Science and Engineering with a specialisation in Data Science and Analytics as well as Artificial Intelligence.
The specialisation in Data Science and Analytics educates students in applied mathematics, statistics, and computer science, while enabling them to apply their learnings to real-life domains such as finance, energy, supply chain, agriculture, and e-commerce. The study of Data Science trains them in the collection, preparation, analysis, and visualisation of large collections of information.

The specialisation in Artificial Intelligence (AI) educates students to develop AI-based approaches for solving tough real-world problems. Students are taught state-of-the-art techniques in Computer Vision, Natural Language Processing, Medical Image Analytics, and Deep Learning.

Master of Technology in Composites

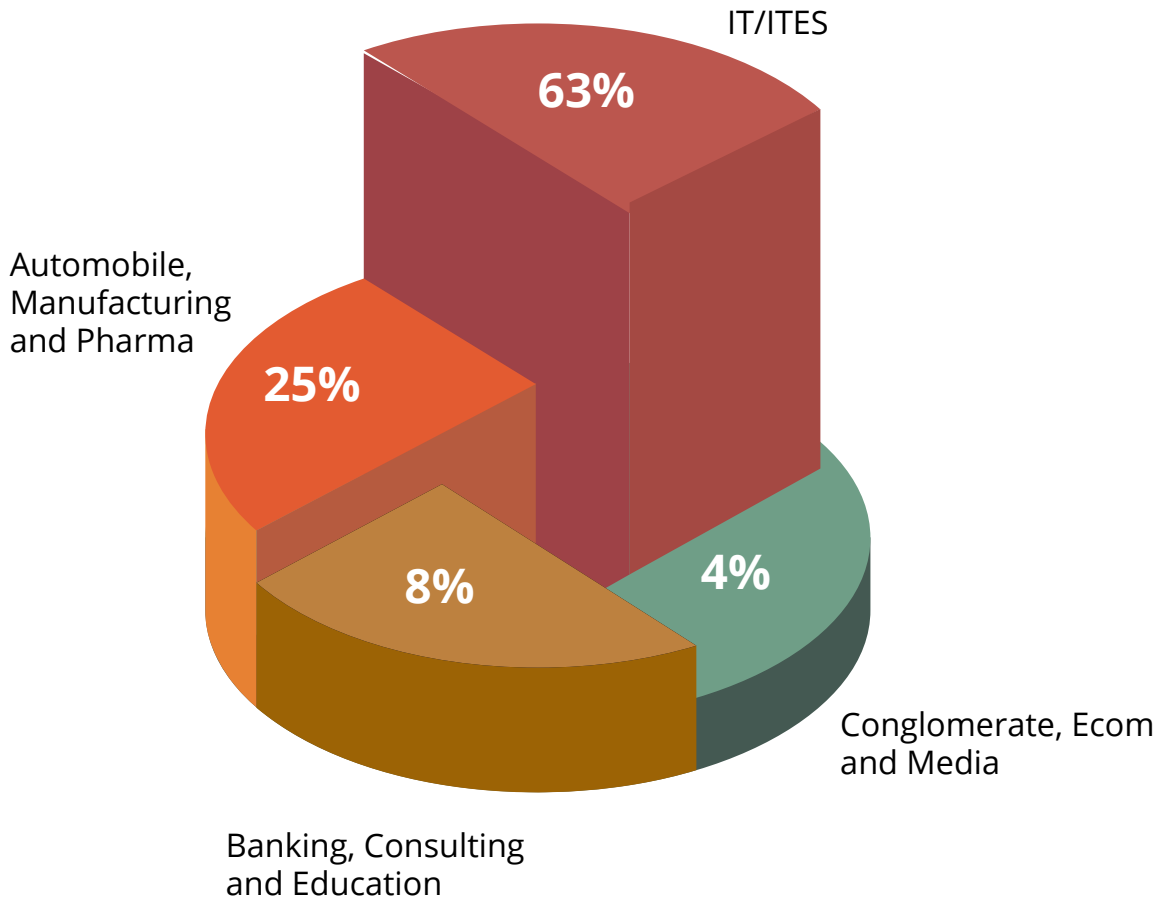
Emerging economies like India are increasingly focusing on manufacturing indigenous engineering products, with aerospace, defence, and urban mobility being the key sectors. This has increased the use of advanced lightweight composites for ensuring weight savings, and improving the fuel economy, payload, quality, and service life—a trend that is expected to grow. This necessitates creating highly skilled engineers with proficiency in designing, developing, testing, and manufacturing parts and assemblies involving advanced composite materials.

The School of Engineering and Applied Science will offer a new Master of Technology programme specialising in Composites from 2024-2025. This programme is being offered in partnership with Ahmedabad Textile Industry's Research Association (ATIRA), which has pioneered the design, development, and testing of composites. Aligned with industry needs, the programme will impart comprehensive knowledge about the design and materials for composites, tooling, testing, the manufacturing supply chain, quality assurance, and industry-related professional practices.

Partial List of Participating Organisations for Placements and Internships

Aavenir Software
ABB Global Industries
Accenture India
Adani Group
AGS Health
AmaraRaja Group
Amuse Labs
Arvind Envisol
Arvind Limited
Asahi India Glass
Atul Limited
Awaaz De Infosystem
Biziverse
BlueStar Limited
Bombay Software
Bosch Rexroth
Cargill India
Celebal Technologies
Cogitate Technology
Concentric AI
Conga Software
Continental Group
Cygnet Digital
Daimler India
Data Insights
Drivebuddy AI
DxFactor Solutions
Federal Bank
Fingertips Data Intelligence
Finolex Industries
Forbes Marshall
Gemba Concepts
Genuin Inc
Goldman Sach
Halma India
Harsha Engineers
HashedIn (by Deloitte)
HCL Technology
Hexaware Technologies
IBM India
IDFC First Bank
IG Drone
IIT Ropar
inFocusP Innovations
Infor India
Infoware Technologies
Injala India
Interality
IOCL
IQM Inc
IRM Energy
iSec Securities
Ishitva Robotics
ISRO
Jaro Education
Jio Platforms
Keyence India
Korn Ferry
Kurlon Enterprise
L&T Technology Services
Linde Engineering
Motadata
Motherson Sumi
NextBlock Technologies
Nirma Limited
Nivea India
Niyantras
NSL Hub
Null Innovations
ODE infinity
Pirmid Fintech
Playpower Labs
Quicko Infosoft
Ratnamani Metals & Tubes
Reliance Group
rtCamp
S&P Global
Sajjan Industries
Sapio Analytics
Shipmnts
Siemens Energy
Smytten
Source One Technologies
Tata Consultancy Services
Tatvic Analytics
Toddle
Torrecid India
Trilogy Innovation
True Hue
Tusker AI
Uno Minda
UST BlueConch
Vayana Networks
VeloxCore
Zydus Group

Key Statistics



Faculty at Ahmedabad University

Faculty members at Ahmedabad University comes from leading Indian and International Institutions:

Clarkson University
Cornell University
Rutgers University
Stanford University
University of Cambridge
University of Oslo and UiT
University of Pittsburgh
Inter-University Centre for Astronomy and Astrophysics (IUCAA)
Queen's University at Kingston
University of Texas at Arlington
Indian Institute of Science
Indian Institute of Technology
Institute of Chemical Technology
Delft University of Technology

The complete list of Faculty at Ahmedabad University can be viewed at https://ahduni.edu.in/faculty

CAREER DEVELOPMENT CENTRE

Ahmedabad University

We, at the Career Development Centre, Ahmedabad University, look forward to connecting you with our immensely talented faculty and students, and engaging in an inclusive industry-academia association through Talent Acquisition, Joint Research, Faculty Projects, Management Development Programmes (MDPs), and more.

We would be glad to assist you with your queries and provide solutions to meet your talent acquisition needs. Please feel free to reach out to us.

www.ahduni.edu.in

corporaterelations@ahduni.edu.in

Team CDC: +91. 9408208092 | 8160567370

+91.79.61911078 | +91.79.61911074

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