



Ahmedabad
University

MAS

Master of Science

Economics

Specialising in Data Science

Be Future Ready with AI and ML
for Data-driven Thinking



Ahmedabad University

About Us

- Established in 2009
- Leading private, non-profit research university
- Liberal education focused on interdisciplinary learning, practice orientation, and research thinking
- Prepares critical thinkers who are analytically equipped, practically oriented, and contextually aware global citizens
- Six schools and nine centres bringing liberal arts, sciences, and the professions to engage together in knowledge creation for addressing complex challenges of the society.
- Curriculum offering majors that merge the boundaries of disciplines to prepare students for the new economy.



Amrut Mody School of Management of Management

The Amrut Mody School of Management at Ahmedabad University offers wide-ranging, multi-faceted management education through undergraduate, graduate, doctoral, and certificate programmes. Designed closely with industry partners, the programmes balance rigorous practice and strong conceptual education. The programmes advance the understanding of management practice through interdisciplinary inquiry and prepare responsible leaders with a contextual understanding who can develop impactful, innovative solutions for complex societal challenges.

Amrut Mody School of Management ■ School of Arts and Sciences ■ School of Engineering and Applied Science
Bagchi School of Public Health ■ Undergraduate College ■ The Graduate School

Ahmedabad Design Lab ■ Centre for Heritage Management ■ Centre for Inter-Asian Research
Centre for Learning Futures ■ Global Centre for Environment and Energy ■ Sahyog: Centre for Promoting Health
International Centre for Space and Cosmology ■ The Climate Institute ■ VentureStudio

Message from the Distinguished University Professor



Keynes while talking about economics as a discipline said, [Economics] "is a method rather than a doctrine, an apparatus of the mind, a technique of thinking, which helps its possessor to draw correct conclusions." The Master of Science in Economics programme at Ahmedabad University fully reflects this approach. The programme is designed to equip the students with analytical skills flowing from economic theory, combined with a good understanding of statistical theory and techniques to analyse data and test hypotheses. The offer of a number of electives helps specialisation in multiple areas.

Professor C Rangarajan

Distinguished University Professor
Amrut Mody School of Management
PhD (University of Pennsylvania)

Former Governor of the Reserve Bank of India

Message from the Dean



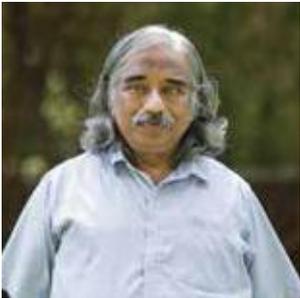
The Masters of Science in Economics (MSE) programme at the Amrut Mody School of Management is a unique programme that enables the application of economic principles in a data-driven world. Students learn to use economic theory and contemporary quantitative skills to analyse and solve economic problems of the 21st century.

Graduates of the programme can plan for careers in academia, insurance and banking industry, think tanks, credit rating and financial sector.

Professor Shobha Das

Dean
Amrut Mody School of Management
PhD (University of Minnesota)

Message from the Senior Associate Dean (Graduate Programmes)



Data Science holds the potential to enrich traditional economics with new types of data and new methods to analyse them. The focus on establishing causal relationships can be broadened to rigorous predictive modelling of the likely impact of economic policies and interventions using large volumes of observational data. The widespread diffusion of open-source software for statistics and machine learning has made such modelling accessible to all.

Professor Amit Das

Professor & Senior Associate Dean,
Graduate Programmes
Amrut Mody School of Management
PhD (University of Minnesota)

Message from the Programme Chair, Master of Science in Economics



Our new curriculum of MS Economics is perhaps the first Master's programme in India offering Economics blended with Data Science to equip you with the sophisticated tools of computing Big Data.

Through the core courses of quantitative techniques and contemporary electives on upcoming fields, the goal of the programme is to shape your career for a future into someone who can carry both the critical eye of a social scientist and the computational hand of a data scientist, to tackle any novel challenge of the 21st century economy.

With a solid base in economic fundamentals, a wide range of electives in contemporary and emerging domains, like from Inequality to Public Health, or Machine Learning to Climate Change, makes this programme stand apart.

The step by step foundation of core courses in the first year and electives in the second year, complemented with the Problem Studio, Data Studio and Survey Methodology courses equip every student for a potential employment in any sector of their dream. Hands on learning experience from the Summer Internship and Thesis or Capstone Project add a competitive advantage to be future ready for the workplace.

The option of Management electives is another highlight of the programme which marks the

thrust on Business Analytics preparing students to choose their most sought after careers in the Analytics industry and the corporate sector. The Finance courses help to make a career in banking management and investment sectors as well.

The unique advantage of studying in Ahmedabad University is the opportunity to explore courses beyond subject borders, attend lectures by faculty across Schools, sit with peers across programmes, and thereby to engage and foster an interdisciplinary conversation and build a multidisciplinary perspective.

Professor Abhinandan Sinha

Assistant Professor
Amrut Mody School of Management
PhD (Indian Statistical Institute, Kolkata)

Master of Science in Economics

Economists require interdisciplinary skills to address societal and economic problems. They must be trained in theory and data analytics to critically analyse and evaluate real-world issues in micro and macro contexts concerning human and firm behaviour in multiple domains, including finance, industrial organisation, education, health, and the environment.

The Master of Science in Economics (erstwhile MA in Economics) programme is mentored by Dr Chakravarthi Rangarajan, former Governor of the Reserve Bank of India (RBI). It prepares students for addressing complex questions through a deep understanding of economic theory and its application through rigorous data analysis. It trains them in the application of economic models and tools to meet the changing needs of industry corporations, the financial sector, and policy institutions.

Programme Highlights

- One of the earliest MS Economics programmes in India specialising in Data Science
- Learn from faculty with extensive research experience, foreign exposure and practical knowledge across economics, finance, data analytics, and public policy.
- Builds capabilities for employment in industry, Government and public sector, think tanks, and designed to foster research ambition acting as a pathway to join PhD programmes or research positions in the industry or academia.
- Opportunity to attend regular seminar series where speakers from different domains and countries share their research and participate in the Annual Economics Conference attended by internationally acclaimed researchers and policymakers.
- One of the most innovative Graduate programmes in India to integrate a solid foundation of Economics with cutting-edge techniques of Artificial Intelligence and Machine Learning.



Programme Overview

Credits

Programme Core **38**

19 credits in the 1st Semester
13 credits in the 2nd Semester
6 credits in the 3rd and 4th Semesters

Summer Internship **3**

Dissertation Route **39**

If a student qualifies for writing a Thesis and opts to do so, she will receive 12 credits for a dissertation and 27 credits from courses in the 3rd and 4th semester.

OR

Capstone Project Route **39**

If a student is not qualified to write a Thesis or does qualify but opts out of it, then she will receive 6 credits from a capstone group project and 33 credits from courses in the 3rd and 4th semester.

TOTAL **80**

Programme Core

Foundation in Quantitative Skills

Mathematical Methods
Descriptive and Inferential Statistics
ANOVA and Regression

Foundation in Computational Skills

Computer Programming using R and Python
Data Analytics Lab and Quantitative Tutorials

Foundation of Economic Theory

Microeconomics I
Microeconomics II
Macroeconomics I
Macroeconomics II

Artificial Intelligence

Artificial Intelligence for Business
Machine Learning for Policy

Data Analytics

Econometrics
Time Series
Empirical Research Methods

Summer Internship

A learning-oriented work experience with a company that is to be completed between the first and second year.

Elective Courses

Economics

Game Theory
International Trade
Public Economics
Network Economics
Labour Economics
Health Economics
Economics of Technology and Innovation
Globalisation and Development
Agricultural Economics
Environmental Economics
Energy and Resource Economics
Institutional Economics
History of Economic Thought
Market Design
Indian Economic Development
Develop Economics
Industrial Organisation
Models of Political Economy
Economics of Education
Law and Economics
Monetary Economics
Economics of Discrimination

Finance

Securities Analysis and Portfolio Management
Fintech and Financial Services
Financial Modelling and Randomness
Advanced Corporate Finance
Derivatives and Risk Management
International Finance

Data Science and Technology

Big Data Applications
Advanced Econometrics
Simulation
Applied Stochastic Processes
Survey and Methodology

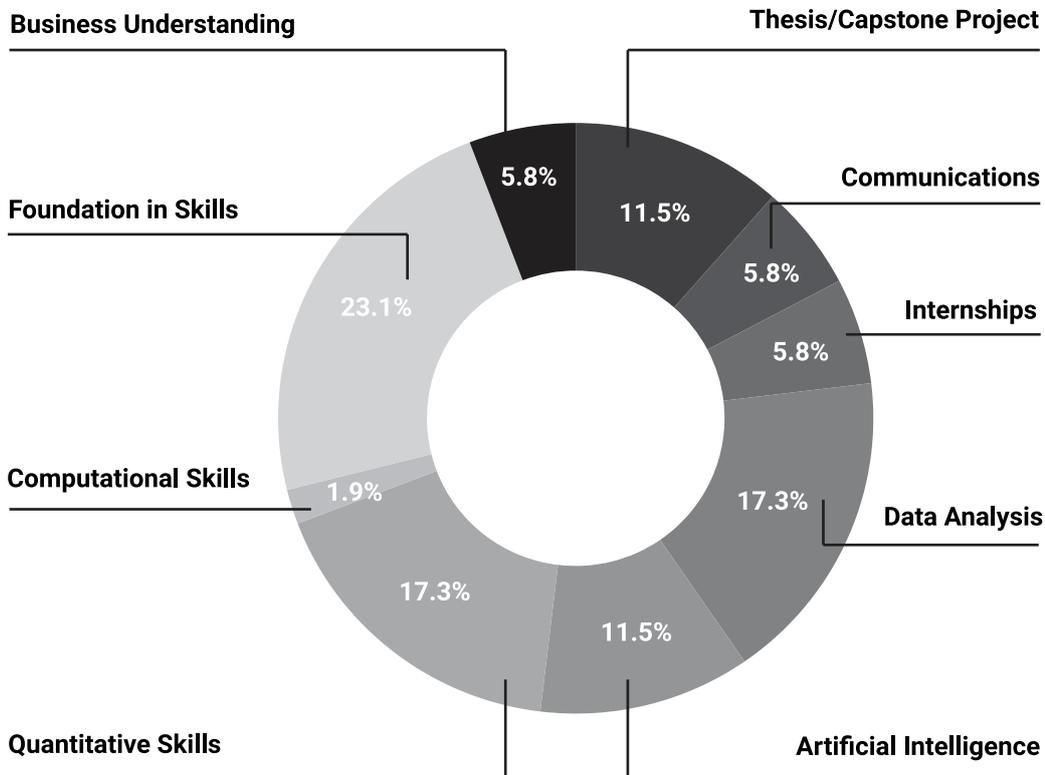
Problem Studio

Sustainability and Circular Economy,
Urban Informal Economy.

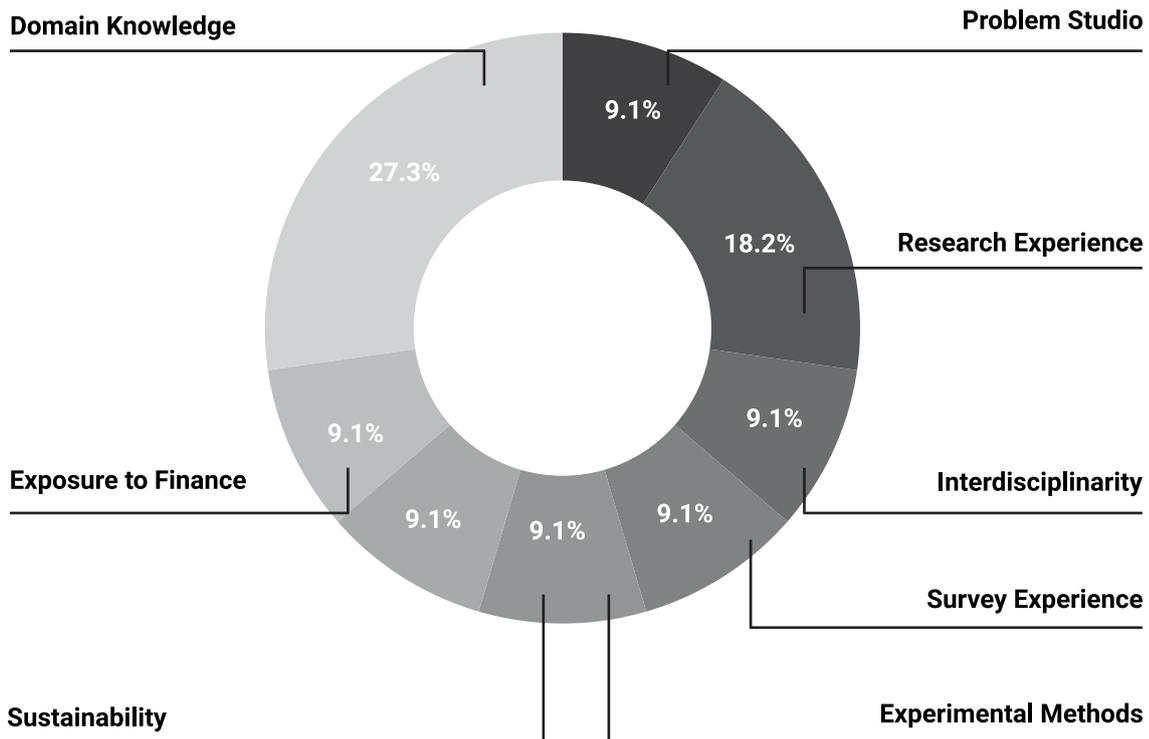
Thesis/Capstone Project

Hands-on learning of academic research through an individual dissertation under the supervision of a faculty member of the university/A group of maximum three students doing a Capstone project under the supervision of a faculty member of the university. An interdisciplinary project shall be encouraged.

Credit Distribution of Core Skills



Credit Distribution of Skills from Electives



Faculty

Bhargav Adhvaryu

Technology, Operations and
Decisions Sciences
PhD (University of Cambridge)

Md Shahrukh Anjum

Technology, Operations and
Decisions Sciences
PhD (Indian Institute of
Management Bangalore)

Dinesh Barot

Technology, Operations and
Decisions Sciences
PhD (Gujarat University)

Gaurav Bhattacharya

Economics and Public Policy
PhD (Jawaharlal Nehru
University)

Aranya Chakraborty

Economics and Public Policy
PhD (McGill University)

Pankaj Chandra

Technology, Operations and
Decisions Sciences
PhD (The Wharton School,
University of Pennsylvania)

Sugat Chaturvedi

Economics and Public Policy
PhD (Indian Statistical Institute,
Delhi)

Rakesh Chaturvedi

Economics and Public Policy
PhD (Pennsylvania State
University)

A Damodaran

Economics and Public Policy
PhD (University of Kerala)

Sabyasachi Das

Economics and Public Policy
PhD (Yale University)

Amit Das

Technology, Operations and
Decisions Sciences
PhD (University of Minnesota)

Supratim Das Gupta

Economics and Public Policy
PhD (University of South
Carolina)

Satish Deshpande

Finance, Accounting and Control
Executive Fellow Programme in
Management (Indian School of
Business)

Poonam Dugar

Finance, Accounting and Control
PhD (Gujarat University),
Chartered Accountant

Loyimee Gogoi

Technology, Operations and
Decisions Sciences
PhD (Dibrugarh University)

Tanya Jain

Finance, Accounting and Control
PhD (Indian Institute of
Management Bangalore)

Hetal Jhaveri

Finance, Accounting and Control
PhD (Sardar Patel University)

Vaibhav Kadia

Finance, Accounting and Control
PhD (Ganpat University)

Amarlal H Kalro

Technology, Operations and
Decisions Sciences
PhD (University of Minnesota)

Narendra Nath Kushwaha

Finance, Accounting and Control
PhD (Indian Institute of
Management Tiruchirappalli)

Vinodh Madhavan

Finance, Accounting and Control
PhD (Golden Gate University)

Jinal Parikh

Technology, Operations and
Decisions Sciences
PhD (Dharamsinh Desai
University)

Parag Patel

Finance, Accounting and Control
PhD (Gujarat University)

Chakravarthi Rangarajan

Economics and Public Policy
PhD (University of Pennsylvania)

Abhitesh Ranjan

Economics and Public Policy
PhD (University of Minnesota)

Rahul Rao

Economics and Public Policy
PhD (Indian Institute of
Management Bangalore)

Binny Rawat

Finance, Accounting and Control
PhD (Charusat University,
Gujarat)

Moumita Roy

Economics and Public Policy
PhD (George Mason University)

Subhankar Saha

Technology, Operations and
Decisions Sciences
PhD (Indian Institute of
Management Bangalore)

Kinshuk Saurabh

Finance, Accounting and Control
Fellow Programme in
Management (Indian Institute of
Management Ahmedabad)

Faculty

Saamil Shah

Finance, Accounting and Control
MBA (Maharaja Sayajirao
University of Baroda)

Rahul Singh

Economics and Public Policy
PhD (Indian Institute of
Management Bangalore)

Amit Singh

Technology, Operations and
Decisions Sciences
PhD (Indian Institute of
Technology Kharagpur)

Abhinandan Sinha

Technology, Operations and
Decisions Sciences
PhD (Indian Statistical Institute,
Kolkata)

Mita Suthar

Economics and Public Policy
PhD (Gujarat University)

Nimit Thaker

Finance, Accounting and Control
MCom (Gujarat University)

Devanath Tirupati

Technology, Operations and
Decisions Sciences
PhD (Massachusetts Institute of
Technology)

Vibha Tripathi

Finance, Accounting and Control
PhD (Gujarat University)

Ishita Tripathi

Economics and Public Policy
PhD (Louisiana State University)

Bhaktida Trivedi

Technology, Operations and
Decisions Sciences
PhD (Gujarat University)

Jeemol Unni

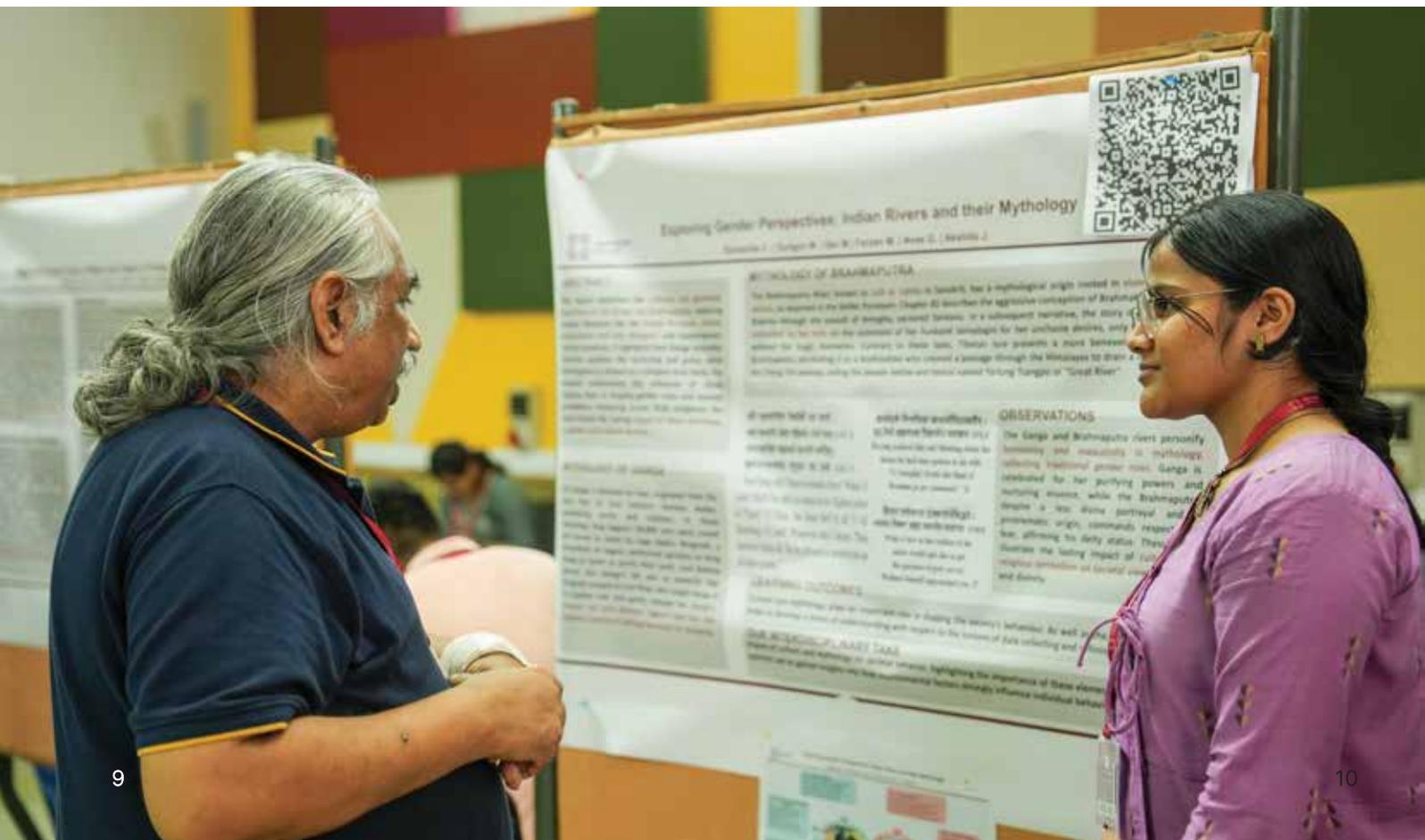
Economics and Public Policy
PhD (Gujarat University)

Sonal Yadav

Economics and Public Policy
PhD (Gujarat University)



Scan the QR
Code to learn
more about
our faculty.



Career Prospects

The graduates of the Master of Science in Economics programme have been placed in variety of companies, including

Adsolut Media DSP	National Stock Exchange of India (NSE)	Elara Capital
Asset Managers	HDFC Bank	Centre for Monitoring Indian Economy (CMIE)
NielsenIQ	Bandhan AMC	Healthark Insights
Verity Knowledge Solutions	Federal Bank	Sameeksha Capital
Arvind Limited	Quicko	SvatantraMHFC
Dun & Bradstreet		

Career Development Centre

The Career Development Centre (CDC) at Ahmedabad University prepares students for successful careers by offering access to significant resources enabling them to explore, discover, develop, and pursue personal and professional goals, while facilitating their connection to the corporate world in alignment with those goals.

CDC is committed to working with students across various levels of career development, ranging from interest to assessments, networking opportunities to job searching strategies, and all other requirements.

Role of the CDC

The objective of the CDC is to:

- Help build a solid and active University-industry interface;
- Enhance students' career readiness through coaching, counselling, instruction, innovative programming, and aligning with prevalent industry trends;
- Organise various forums for students and faculty to engage with the industry, such as guest lectures, career masterclasses, workshops, seminars, conferences, and projects;
- Provide experiential learning opportunities to students through internships;
- Assist students in achieving their career goals by connecting them with recruiters; and
- Promote a sense of responsibility among students for lifelong career development efforts through exploration, education, and experience.

How Can the CDC Help You?

The CDC offers support to students in the following areas:

- Career counselling, guidance and planning
- Career assessment and testing
- Career development workshops and interactions with industry leaders
- Industry engagement (guest lectures, seminars, and research projects, among other things)
- Placement and internship assistance
- Campus-to-corporate training, including:
 - o Professional grooming sessions;
 - o Personality development workshops;
 - o Communication proficiency interventions;
 - o Resume writing workshops;
 - o Mock group discussions and personal interviews;
 - o Quantitative, analytical and logical practice tests; and
 - o Aptitude practice tests.

Student Testimonials

The liberal approach of Ahmedabad University fosters interdisciplinary learning, offering me the freedom to explore diverse subjects, which has enriched my academic experience. The university's state-of-the-art infrastructure, smooth functioning, and welcoming community create an environment that encourages personal and intellectual growth.

The MA Economics programme at the University is exceptionally well-structured, providing a perfect blend of theory and practical applications. The quality of professors and the level of academic discourse challenge and inspire deep analytical thinking, making the learning experience highly enriching.



Rahul Preman

Class of 2026

Ahmedabad University



My experience with Ahmedabad University's MA Economics programme has been great. The curriculum is updated every semester with new innovative and industry-relevant courses, such as research methods, AI, and machine learning. The evaluation approach is customised based on the course, to capture the best learning outcomes. The University's unique liberal education environment encourages overall growth and contributes to new perspectives on our learning. Finally, the faculty's continuous support and guidance have proven invaluable. Their industry expertise adds real-world context to classroom discussions, broadening our understanding of the subject.

Bhavani R

Class of 2025

Ahmedabad University





Accreditations and Awards

- Recognised by University Grants Commission to award degrees under Section 22 of the UGC Act, 1956, in 2010.
- Recognised by the Government of Gujarat as a Centre of Excellence.
- Accredited with an 'A' grade by the National Assessment and Accreditation Council (NAAC).
- Awarded a 5-star rating, the highest awarded in the Gujarat State Institutional Rating Framework (GSIRF) for 2021-22 by the Knowledge Consortium of Gujarat (KCG), Department of Education, Government of Gujarat.
- Recognised by the UGC under Section 12(B) of the UGC Act, becoming one of the few private research universities to have been awarded this recognition for select research universities.
- Recognised as a Highly Commended University for Teaching and Learning Strategy of the Year in the Times Higher Education (THE) Awards Asia 2023.
- Awarded the Association to Advance Collegiate Schools of Business (AACSB) Innovations That Inspire Award 2023 for its Foundation Programme.
- Awarded Gold Rating by the Indian Green Building Council for achieving the Green Building Standards at our University Centre.
- Awarded the Royal Institute of British Architects (RIBA) International Award for Excellence 2024 for our University Centre.

Campus Infrastructure

The Ahmedabad University campus offers a modern, sustainable, and fully networked environment designed to enrich the learning experience. The state-of-the-art infrastructure at the University includes modern and technically equipped classrooms, laboratories, a central library, and other learning resources. It provides comprehensive facilities for student well-being, including accommodation, sports facilities, cafes, spaces for recreation, and a wellness centre.

The award-winning University Centre is a vibrant hub for exchange of ideas, informal meetings, and social events. The eco-friendly campus, characterised by a rich biodiversity, has implemented sustainability strategies to enhance resilience against extreme heat, reduce water runoff, and augment green spaces for the entire community.



Student Housing

The Ahmedabad University student residencies offer high-quality, comfortable, and secure living accommodations. Committed to fostering a sense of community, the residencies celebrate diversity in ideas, lifestyles, and cultural practices, providing a true home-away-from-home experience.

Located within a one-kilometer radius of Ahmedabad University's Central Campus, the residencies offer air-conditioned accommodations on a sharing basis, subject to availability. Shared dining halls, gymnasiums, and recreational spaces are available for residents' convenience. The University also provides transportation to and from the campus. All residencies are under 24/7 security surveillance, with wardens, security guards, CCTV cameras, and on-call medical services ensuring residents' safety and wellbeing.

Life at Ahmedabad

At Ahmedabad University, learning extends beyond the classroom. Vibrant student clubs, cultural events, and a robust support system create a strong community. On campus, students receive the support and resources they need to succeed.

Located in the heart of Ahmedabad, India's first UNESCO World Heritage City, the University offers a unique blend of academic excellence and cultural experiences. The city's vibrant mix of tradition and modernity provides an inspiring backdrop for holistic education and exploration. The city brims with opportunities for students who can participate in inter-college competitions, music and performance festivals and explore ancient monuments, vibrant markets, and more.

Admissions

Eligibility

- Candidates with a Minimum 55% marks or equivalent CGPA across Class 10, Class 12/Diploma and bachelor's degree are eligible to apply. Final-year students graduating in 2025 are also eligible to apply.
- Candidates who have appeared for any one of the following entrance exams – CAT 2024, XAT 2025, NMAT 2024, CMAT 2025, GMAT 10th Edition, GMAT Focus Edition, GRE, GATE, JAM 2025, CUET-PG (COPQP10 or SCQP19)
- Candidates who haven't appeared for any one of the above entrance tests or have low scores can appear for AMSOM-PG Aptitude Test conducted online via Mettl. You can indicate this option in your application form.

Selection Process

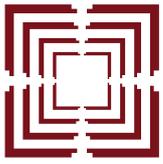
- Eligible candidates can submit an online application form with a payment of INR 1200 as application fees (non-refundable).
- Candidates can submit their application without a score and update the entrance test scores by 15 May 2025.
- Shortlisted candidates will be called for faculty interaction on campus or online.

Fee Structure and Financial Aid

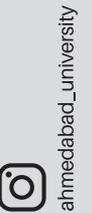
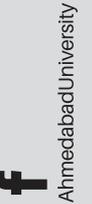


Please scan the QR code to view the fees and the financial aid.





**Ahmedabad
University**



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Start Your Application Today