



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 ten 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 Learning Futures
▪ Global Centre for Environment and Energy ▪ Sahyog: Centre for Promoting Health ▪ Stepwell Centre for Asian Futures
▪ International Centre for Space and Cosmology ▪ The Climate Institute
▪ The Institute of Manufacturing and Economy ▪ 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 Master of Science in Economics 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)

Master of Science in Economics

The Ahmedabad Advantage

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 Professor 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 the analytics, 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.

GIFT International Fintech Institute (GIFT IFI):

Established in collaboration with IIT Gandhinagar and UC San Diego, GIFT IFI is a centre for education and research at the intersection of finance, economics, technology, and public policy. For MS in Economics students, it offers opportunities to earn credits and certificates while engaging with real-world financial systems and policy environments, and to explore contemporary issues in financial markets, regulation, inclusion, and technological change.

Bloomberg Lab: The dedicated facility equipped with 12 state-of-the-art Bloomberg Terminals integrates real-time financial market data, global economic indicators, and advanced analytics directly into teaching and research. Students gain hands-on exposure to tools widely used in industry, policy institutions, and research organisations, strengthening their ability to work with large-scale data, conduct empirical analysis, and interpret global economic trends.

Harvard Business School Publishing (HBSP)

Resources: To enrich classroom experience, the School has secured a comprehensive contract with Harvard Business School Publishing (HBSP). This agreement grants faculty full access to the entire range of HBSP resources, including cutting-edge cases and articles. This ensures the programme's curriculum goes beyond mainstream examples, providing rich, real-world complexity and exposing students to the latest strategic thinking in global business.

Programme Overview

	Credits
Programme Core	38
Capstone Project*	6
or	
Dissertation*	12
Note: * All students can undertake a Capstone Project. Some students may qualify to write a Dissertation.	
Summer Internship	3
Electives**	
Capstone Project*	33
or Dissertation	27
TOTAL CREDITS	80

Students who undertake Capstone will take more elective credits.

Summer Internship

A learning-oriented work experience with an industry or research organization that is to be completed between the first and second year.

Programme Core

Foundation in Quantitative Skills

Mathematical Methods for Economics and Finance
Descriptive and Inferential Statistics
ANOVA and Regression

Foundation in Computational Skills

Computer Programming using Excel and R
Python for Econometrics and Finance
Data Analytics Lab
Quantitative Tutorials

Foundation of Economic Theory

Introductory Microeconomic Theory
Advanced Microeconomic Theory
Introductory Macroeconomics
Advanced Macroeconomics

Artificial Intelligence

Artificial Intelligence for Business
Introduction to Artificial Intelligence
Machine Learning for Policy

Data Analytics

Econometrics
Time Series Econometrics
Empirical Research Methods

Elective Courses

Economics

Game Theory
Trade and International Economics
Public Economics
Economics of Networks
Economics of Labour and Discrimination
Health Economics
Economics of Technology and Innovation
Agricultural Economics
Environmental Economics
Energy and Resource Economics
Institutional Economics
History of Economic Thought
Market Design
Indian Economic Development
Development Economics
Industrial Organisation
Models of Political Economy
Economics of Education
Sustainability and Circular Economy
Urban Informal Economy

Law and Economics

Monetary Economics

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
Financial Econometrics
Applied Stochastic Processes
Applied Multivariate Analysis
Applied Data Science

Choose from a wide range of electives offered across the various Schools and Centres at the University. Explore electives as diverse as climate change, environment, ethics, psychology, philosophy, heritage, or computer science, etc.,

Dissertation/Capstone

Hands-on learning of academic or industrial research through an individual dissertation under the supervision of a faculty member of the university.



Faculty

Bhargav Adhvaryu

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

Harnain Kaur Arora

Management and Organisation
PhD (Indian Institute of
Management Ahmedabad)

Md Shahrukh Anjum

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

Shashank Aswathanarayana

Assistant Professor
PhD (University of California,
Santa Barbara)

Niraj Athavle

Professor of Practice of
Management
PGDM (IIM 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)

Amit Das

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

Sabyasachi Das

Economics and Public Policy
PhD (Yale University)

Supratim Das Gupta

Economics and Public Policy
PhD (University of South
Carolina)

A Damodaran

Culture and Heritage
PhD (University of Kerala)

Satish Deshpande

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

Srikrishnan Divakaran

Computer Science and
Engineering
PhD (Rutgers University)

Poonam Dugar

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

Loyimee Gogoi

Technology, Operations and
Decisions Sciences
PhD (Dibrugarh University)

Nilesh Jain

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

Narendra Nath Kushwaha

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

Vinodh Madhavan

Finance, Accounting and Control
PhD (Golden Gate University)

Priyoma Mustafi

Economics and Public Policy
PhD (University of Pittsburgh)

Parag Patel

Finance, Accounting and Control
PhD (Gujarat University)

Minal Pathak

Environment and Sustainability
PhD (Gujarat University)

Pravakar Paul

Mathematical and Physical
Sciences
PhD (The University of Iowa)

Chakravarthi Rangarajan

Economics and Public Policy
PhD (University of Pennsylvania)

Rahul Rao

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

Binny Rawat

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

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)

Deepti Sharma

Assistant Professor
PhD (Indian Institute of
Management Bangalore)

Faculty

Amit Singh

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

Abhinandan Sinha

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

Neelanjan Sircar

Social Sciences
PhD (Columbia University)

Mita Suthar

Economics and Public Policy
PhD (Gujarat University)

Devanath Tirupati

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

Jeemol Unni

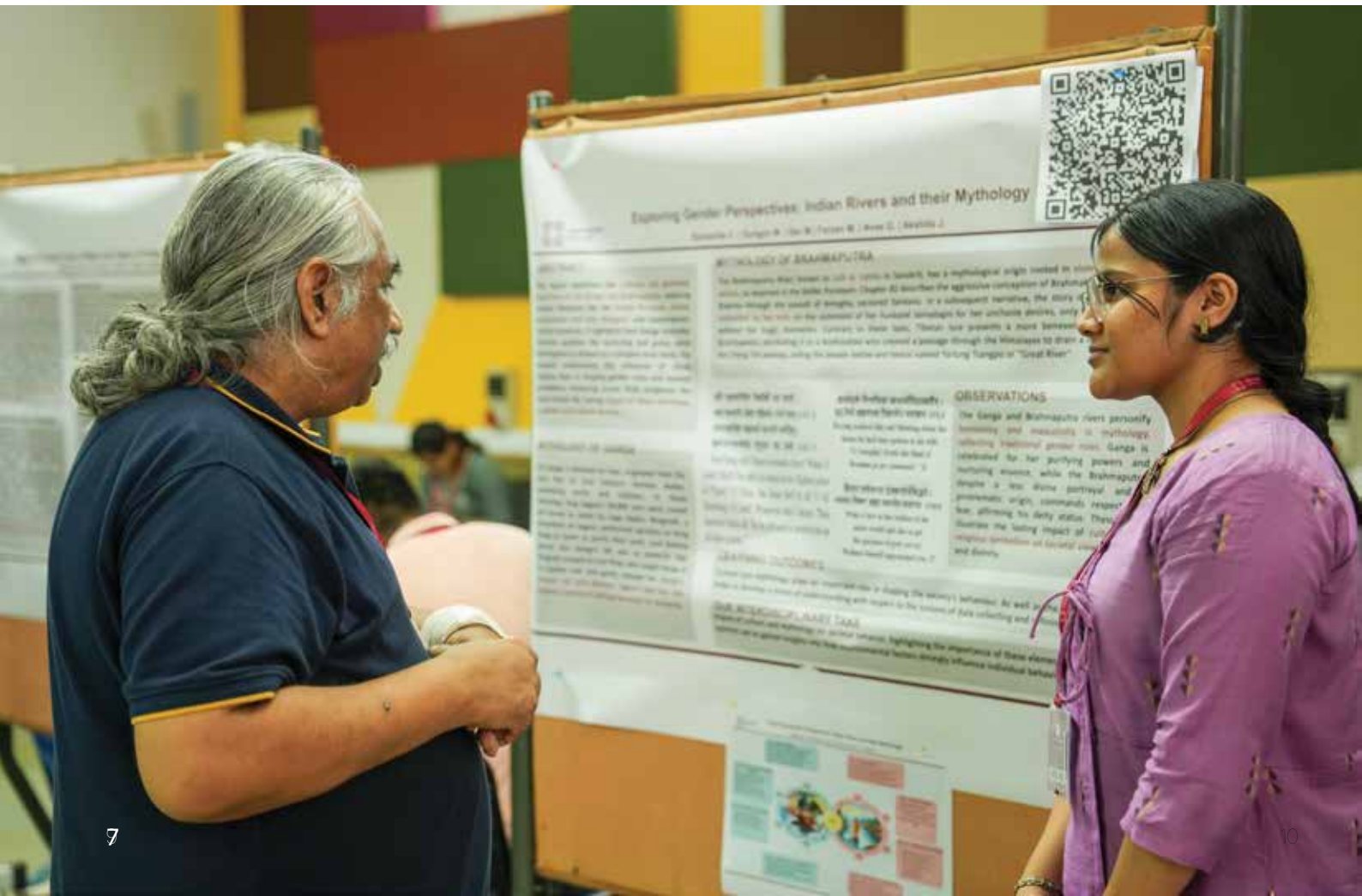
Economics and Public Policy
PhD (Gujarat University)

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

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

Key Job Roles for MS in Economics students:

Business Analyst	Policy Analyst	Risk and Management Analyst
Data Analyst	Financial Analyst	

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
- 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
 - o Aptitude practice tests

Student Testimonials

The MS Economics programme at Ahmedabad University has been a transformative experience for me. During my undergraduate studies, I was primarily exposed to the theoretical aspects of economics. But from day one at Ahmedabad University, the curriculum's rigour and emphasis on mathematical application, have helped me sharpen my analytical and conceptual clarity. Economics is often described as applied mathematics - and here, I have come to understand 'why'. What I value most is the space to explore research, the approachability of faculty, and the genuine culture of inquiry that encourages us to ask deeper questions and think beyond the constraints of lecture hours. The library's access to global academic resources and databases, along with the newly instituted Bloomberg Lab, has made it easier to engage with contemporary literature and practical real-time analysis. The teaching approach prioritizes intuitive thinking over rote theory, helping us connect concepts to real-world challenges with confidence. Even the assignments and projects are designed to be applied in nature, pushing us to critically engage with ideas and arrive at meaningful conclusions. In all, the MS Economics programme at Ahmedabad University doesn't just teach economics - it teaches you how to think and work like an Economist.



Srijayalakshmi Venkatesh

Class of 2027
Ahmedabad University



Bhavani R

Alumnus, Class of 2025
Ahmedabad University

My experience with Ahmedabad University's MS 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.



Navamey P Jayan

Class of 2027
Ahmedabad University

In just two months as an MS Economics student, I've grown to love both the curriculum and the campus. The program is structured to prepare us for the real world with practical exposure and critical thinking. I truly value the extra efforts our professors put in, whether it's reviewing Nobel laureates' papers with us, assigning projects based on real-time Bloomberg data, or guiding us through research-oriented assignments. Another highlight is the academic freedom we enjoy, the liberal independence to take extra subjects beyond the core curriculum, which adds so much depth to our learning. It's been an enriching journey so far, and I'm excited for what lies ahead.



Kaushik Nanda

Class of 2025
Ahmedabad University

The MS in Economics programme at Ahmedabad University offers a uniquely stimulating and interdisciplinary academic environment. What truly sets this programme apart is its forward-thinking curriculum, which masterfully balances rigorous conceptual foundations with practical, hands-on experience. The faculty members are not only distinguished in their fields but are also exceptional mentors whose teaching methods are both engaging and insightful. Furthermore, the specialisation in Data Science provides a significant competitive advantage, equipping students with the cutting-edge analytical skills essential for the future of the economic landscape. This holistic approach ensures we are thoroughly prepared for dynamic careers in economics and policy.

Strategic international engagements that foster cross-cultural learning and catalyse global ambitions

Purposeful global collaborations are key to Ahmedabad University's mission to provide diverse and transformative learning experiences to our students. Unique international opportunities expose students to interdisciplinary academic study and research, multicultural teams, industry practices, innovation principles and problem-solving approaches, thereby developing the global outlook needed to work across borders and contribute to organisations operating in diverse regions.

Accreditations and Awards

- Recognised by the Government of Gujarat as a Centre of Excellence
- Accredited with 'A' grade by the National Assessment and Accreditation Council (NAAC)
- Awarded Leadership and Management Team of the Year at the Times Higher Education Awards Asia 2025
- Awarded a 5-star rating, the highest awarded in the Gujarat State Institutional Rating Framework (GSIRF) for 2021-22 and 2023-24, by the Knowledge Consortium of Gujarat (KCG), Department of Education, Government of Gujarat
- Awarded the Royal Institute of British Architects (RIBA) International Award for Excellence 2024 for our University Centre.
- Awarded a 'Platinum Rating' by the Indian Green Building Council for sustainability and green practices
- Recognised by the UGC under Section 12(B) of the UGC Act, becoming one of the very 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 AACSB's 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

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.

3 Off-Campus Student Residences within a 1-kilometre radius of the University offer accommodation on a first come first served basis.

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 of 55 per cent marks in their Bachelor's degree are eligible to apply. Final year students graduating in 2025 are also eligible to apply.
- Candidates must have appeared for any one of the following national/international standardised tests – CAT 2025, GATE (2024, 2025 & 2026), JAM 2026, CUET-PG 2026 (COQP10 or SCQP19 or SCQP27).
- Candidates who have not appeared for any one of the above standardised tests or have low scores need to appear for Ahmedabad University's AMSOM-Postgraduate Aptitude Test.

Application Process

- Eligible candidates should submit the completed online application form along with a payment of INR 1200 as non-refundable application fees.
- Candidates can submit their application first and update their standardised test scores later. Shortlisting for Personal Interaction will be done only for applicants with scores available.
- Every shortlisted candidate will be invited for a personal interaction with the faculty at the University campus for the final round of the selection process. The interaction can be conducted online for applicants residing outside Ahmedabad.
- Applications are considered on a rolling basis. Early applications are particularly encouraged.

Fee Structure and Financial Aid



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



Abstracts of the 2014 Annual Meeting of the American Society of Human Genetics

Topic	Abstract
Abstract 1001	Abstract text describing research findings on genetic variation and its association with disease risk.
Abstract 1002	Abstract text describing research findings on the genetic architecture of complex traits.
Abstract 1003	Abstract text describing research findings on the role of epigenetics in gene regulation and development.
Abstract 1004	Abstract text describing research findings on the genetic basis of human diversity and migration patterns.
Abstract 1005	Abstract text describing research findings on the genetic basis of rare diseases and their clinical implications.







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**Start Your
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