Ahmedabad University

TO FOSTER CONTINUOUS PROGRESS OF SELF AND SOCIETY

Ahmedabad University

WHAT ARE WE TRYING TO BUILD

A SERIOUS ACADEMIC INSTITUTION

Improve our understanding and find solutions to complex problems facing the society

Reimagining Learning
Interdisciplinary | Experiential Learning | Research Thinking

Bring the best & brightest from all sections of society to study whatever they desire

A PLACE
where ideas are born
A GLOBAL LEADER
in a few chosen areas
A PLACE
where a student discovers her passion
BUILD SKILLS
of the future
A CULTURE
of Entrepreneurship
EXEMPLAR
in University Governance

Ahmedabad University

A CONCISE HISTORY

THE FOUNDING PHASE 2009–2015

- *Founded as an urban university by the Ahmedabad Education Society (AES)*
- *Bring into the University various existing Colleges of AES*
- *Master Plan for the Campus drawn out*
- *Started the University with existing Commerce, BBA, MBA, and MCA programmes*
- *Starting of programmes in Engineering and Life Sciences*
- *Establishment of our incubator, VentureStudio*
- *Experiments with Experiential Learning*

BUILDING A SERIOUS CONTEMPORARY ACADEMIC CENTRE: 2015-2021

- *Purpose – To foster continuous progress of self and society*
- *Strategy for the next ten years to build a liberal education driven research University*
- *Establishing the Governance Structure and Plans for Innovation in line with its Purpose*
- *Global Faculty*
- *Undergraduate Programme, growing the PhD Programme, New Programmes*
- *Interdisciplinary, Choice Based Credit System, Project & Field based Active Learning (NEP 2020 ready)*
- *Imagination to address Complex Challenges with 21st Century Skills*
- *Starting a five year Masters Programme on Family Business & Entrepreneurship*
- *Starting of new Schools & Centres*

Ahmedabad University

THE GROWTH PHASE

2021-2027

- *Expansion of Research Activity including PhD and Postdoctoral programmes*
- *Expansion of Campus Infrastructure and Laboratories*
- *Expansion of Faculty and Student size*
- *Building Deep Global Partnerships with Institutions & Industry (e.g., Affiliated Labs)*
- *Research Park*
- *New Schools & Centres*

THE GLOBAL UNIVERSITY

2027-2033

- *Enter Global Ranking*
- *New Schools including Medicine | Law, Technology, & Governance| Digital Communication*

WHERE DO WE STAND NOW

THREE SCHOOLS

Amrut Mody School of Management

School of Engineering and Applied Science

School of Arts and Sciences

- *Humanities & Languages*
- *Social Sciences*
- *Mathematical & Physical Sciences*
- *Biological & Life Sciences, and*
- *Performing & Visual Arts*

SEVEN CENTRES OF EXCELLENCE

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

VentureStudio

Physiotherapy College for the Visually Impaired

163 Faculty, 5 Visiting Faculty, 27 Adjuncts | 3074 Students

PROGRAMMES

WITH MAJORS AND MINORS

BACHELOR OF ARTS

Economics
Philosophy History & Languages
History
Psychology and
Social & Political Sciences

BACHELOR OF TECHNOLOGY

Chemical Engineering
Computer Science & Engineering
Mechanical Engineering

MASTER OF TECHNOLOGY

Computer Science & Engineering

BACHELOR OF SCIENCES

Computer Sciences
Physics

INTEGRATED MASTER OF LIFE SCIENCES (BS-MS)

BACHELOR OF BUSINESS ADMINISTRATION

Accounting and Finance
Business Analytics
Finance
Finance and Economics
HR & Organizations
Marketing
Operations Management
Operations Research & Statistics
Supply Chain Management

BACHELOR OF COMMERCE AND BACHELOR OF COMMERCE PROFESSIONAL
(ALONG WITH CHARTERED ACCOUNTANCY TRAINING)

MASTER OF BUSINESS ADMINISTRATION

INTEGRATED MASTER OF BUSINESS ADMINISTRATION

GLOBAL EXECUTIVE MBA IN PHARMACEUTICAL MANAGEMENT

BACHELOR AND MASTER IN INTEGRATED ARTS

DOCTORAL PROGRAMMES

Ahmedabad University

OVERALL ACADEMIC ENVIRONMENT AT THE UNIVERSITY

FACULTY & STUDENTS AT THE HEART OF LEARNING

- *Go out and Search for the Best |*
  Provide autonomy to think independently & collaboratively |
  Help them make an Impact |
  Create Global Connect

- *Become a National Institution*

Ahmedabad University

AHMEDABAD UNIVERSITY EDUCATION AND OUR PEDAGOGY

INTERDISCIPLINARY

EXPERIENTIAL LEARNING

RESEARCH THINKING

UNIQUE IN THE COUNTRY UNDERGRADUARTE CURRICULUM

Foundation Programme

Broad Multidisciplinary General Education

Deep Disciplinary Depth with Majors

Free Electives or Minors

Volunteerism

FOUNDATION PROGRAMME

Six Domains

- *Data Science*
- *Behaviour*
- *Biology & Life*
- *Communication*
- *Constitution & Civilization*
- *Materials*

Delivered through Four Themes

- *Environment & Climate Change*
- *Democracy & Justice*
- *Water*
- *Neighbourhoods*

FACULTY

PhDs from Top Global Institutions

IIMA

IIMB

IIMC

IISc

IITs

ISI

Delhi University

JNU

University of Mumbai

The Wharton School

Stanford University

MIT

University of Chicago

Columbia University

University of Pennsylvania

Johns Hopkins University

University of California Berkeley

Harvard University

UCLA

University of California at Santa Barbara

Purdue University

Emory University

University of Maryland

Indiana University

University of Virginia

University of Illinois at Urbana-Champaign

University of Pittsburgh

University of Notre Dame

University of Cambridge

Imperial College

UCL

University of Edinburgh

McGill University

Delft University

Leiden University

Uppsala University

etc.

- **Vibrant Research Seminar Series**
- **Internally funded Strong Doctoral Programme**
- **All degrees with strong research component - UG Thesis or Capstone Project**
- **Building extensive Digital Library Resources**
- **External Grants won from prestigious National & International Agencies**
- **University Grants Office to support Researchers**

BUILDING A CULTURE OF ACTIVE RESEARCH

Quality of Research & its Impact

Highly Influential Report: *1.5 degree C Warming, IPCC Report*

IPCC's Sixth Assessment Report on Mitigation, April 2022

Indicative List of top journals where our Faculty have published:

Nature
Science
Nature Climate Change
Nature Communications
Energy Policy
Management Science
Operations Research
Applied Economic Letters
Journal of Business Ethics
Environmental Research Letters
JEBO
EJOR
Business History
Journal of Finance
Kantian Review
Journal of Indian Philosophy
Inter-Asia Cultural Studies
Journal of the Economic and Social History of the Orient
Frontiers in Psychology
Journal of Experimental & Social Psychology
ACS Nano
ACS
Catalysis
IEEE Transactions on Communications
Physical Review (A,B,C,D)
Phys.Chem. Chem. Phys
PLOS One
Journal of Biological Chemistry
The Biophysical Journal
Journal of American Statistical Assoc.
Organisation Studies and
Several similar top ABDC/ FT50 journals

Publishers of our recent Books:

Oxford University Press
Duke University Press
Orient Blackswan
Routledge
Springer
Prentice Hall
Elsevier

We publish an international journal:

Journal of Heritage Management (Sage)

A VIBRANT ECOSYSTEM for Entrepreneurship

- Five Years Integrated Masters in Family Business & Entrepreneurship
- VentureStudio (our incubator) – started with support from Stanford to incubate startups & grow the entrepreneurial ecosystem

- **Incubation & Acceleration Programmes**
  BIRAC BioNest Bioincubator
  - BIG Partner / Transfer of Tech Office - Partner of BIRAC-DBT
  - Ahmedabad Heritage Incubator
- **Facilities**
  - University Research Labs | Dedicated Maker Lab | Nidhi Prayas Shala (electronics facility)
  - BioNEST Laboratories
- Active Entrepreneurship Club | Partnerships with India UK Startup Council, CII, FICCI on startups | Participate in SSIP Programme of Government of Gujarat

- VentureStudio Student Fellowship Programme - Semester + Summer: earn credits for doing startups
- Strongly Promoting Faculty Startups
- IP Support
- Most reach Series A funding. One case of financial upside for the University
- Partnerships with other Indian and Global Incubators/Accelerators/ Venture Funds
- Technology & Services,
  Health, Diagnostics, Biotech,SpaceTech, Waste Management, etc.

- 21,500 sq ft Incubation Space
- 100+ Startups supported
- 19 Patents Filed
- 47 Products Commercialised
- 58 Active Startups
- Around 400 Jobs created
- INR 8 Cr + Funds raised
- INR 15 Cr+ Revenues generated

RECOGNITION AND HONOURS

- **UGC 12B Recognition, NAAC Accredited with A grade**
- **Awarded status of Centre of Excellence by Government of Gujarat (one of the seven institutions in Gujarat)**
- **Top 20 in South Asia (and Top 10 in India) on THE Impact Ranking (SDG 13), 2021**
- **8th Best Institution in Gujarat on GSIRF 2021 Rankings (same parameters as NIRF) and Five Star on Research**

Ahmedabad University

INTERNATIONAL PARTNERSHIPS

CAREFULLY SELECTED FEW BUT DEEP

SUSTAINABILITY AND CARE FOR THE ENVIRONMENT

- Arboretum – forest within a city
- Building Arid-Biodiversity on Campus
- Expanding Solar Infrastructure
- Water Harvesting and Stepwell Water Recycling Facility
- Reduction of use of Plastic on Campus
- Electric Vehicle Charging Stations
- Waste Recycling and Bio-Composting Station
- Shared Transport Facility to reduce emissions

GOING FORWARD
Ten Year Plan

SCHOOLS & CENTRES

School of Public Health
(with a focus on Environmental Health and Data Science & AI in Health)
Institute of Computational Sciences
School of Medicine
School of Sustainability
School of Law, Technology & Governance

Ahmedabad Arts Centre
Centre for Advanced Manufacturing
Centre for New Materials
Centre for Mobility
Centre for Research and Impact in Water
Centre for Consumer Insight

PROGRAMMES

Masters Programmes
Semiconductors & Fabrication
Composites
Public Health (Environmental Health & AI/Data Science in Health)
Sound Engineering
Statistics & Data Science
Data Science in Life Sciences
Mathematics
Digital Marketing
Market Research
Technology & Heritage

Bachelors Programmes
Electronics & Electrical Engineering
Computational Social Sciences
Mathematics
Statistics & Computational Science
Chemistry
Ecology & Environment

STUDENTS

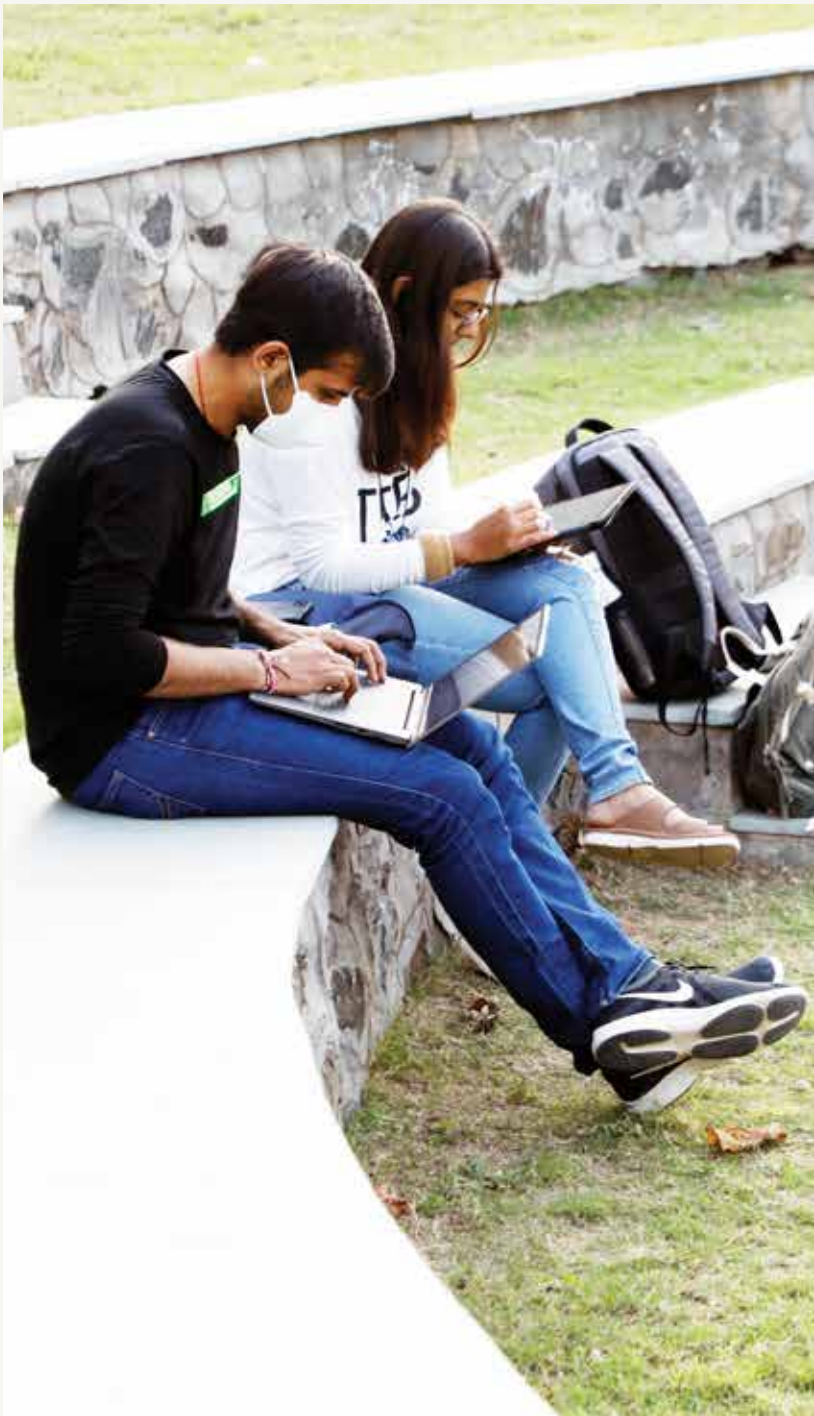
- *UG : PG :: 60% : 40% | 6000 students | National character (with 10% international)*
- *Student faculty ratio: 1:12 (based on FT; 1:10 based on FTE)*
- *Student Startups: 20 percent over the first five years*
- *Support financially 50 percent of students| Bring in 20 percent as first-time learners*

RESEARCH

- *Faculty recognized globally in at least three areas at University Level with a focus on Grand Challenges*
- *Grow Post-doctoral (around 10 percent of total Academic Staff) | PhD as a percent of total students: 10*
- *Percent of faculty with external grants: 60*
- *UG formally involved in research: 25 percent*
- *Partnerships with select Industry Labs (national labs on Campus)*

FACULTY

- *500 full time and 600 full-time equivalent | Indian to foreign faculty: 75:25*



GOING FORWARD

Ten Year Plan

ENGAGEMENT

- *Top ten companies from each sector to recruit from University*
- *Student outcomes: best graduate schools in India and globally, Civil Services, Prestigious Global Scholarships, Startups*
- *At least ten major projects each year with the City & the State*
- *Faculty on Boards of Companies, Academic Institutions, and Key Government Committees*
- *Increase Support for Faculty Startups*

NEW EDUCATION POLICY (NEP)

- *Implementing UG Thesis/Capstone option*
- *Academic Bank of Credit*
- *Assurance of Learning Completed*
- *All programmes to include Internship*
- *Increase teaching of Indian languages*
- *Translation Programme in Indian languages*

DIGITISATION AND ONLINE

- *Offer Online and hybrid degree programmes*
- *Building digital natives*
- *Complete ongoing digitization of all Functions and Activities*

BOARD OF GOVERNORS

SANJAY LALBHAI
Chancellor
Chairman and MD, Arvind Ltd.

PANKAJ CHANDRA
Vice Chancellor

PRAFULL ANUBHAI
Management Consultant
Former Chairman
Board of Management,
Ahmedabad University

NAUSHAD FORBES
Co-Chairman
Forbes Marshall
and Former President, CII

S J HAIDER
Principal Secretary, Higher
and Technical Education
Government of Gujarat

PUNIT LALBHAI
Executive Director
Arvind Limited

SUDHIR MEHTA
Chairman Emeritus
Torrent Group

NAISHADH PARIKH
Chairman and MD
Equinox Solutions Ltd.

PANKAJ PATEL
Chairman and MD
Cadilla Healthcare Ltd.

SAURABH SOPARKAR
Senior Advocate,
Gujarat High Court

DEVANATH TIRUPATI
Senior Dean, Academic and
Dean, Amrut Mody School of

BHUPENDRA SHAH
Registrar
and Member Secretary

Ahmedabad
University

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