



Ahmedabad
University

ANNUAL REPORT

2023-2024

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YEAR AT A GLANCE

Ahmedabad University fosters progress of self and society. Promoting rigour and relevance in research in an interdisciplinary environment has led to a collaborative and sustaining partnership with communities for a social and intellectual impact.

Key Highlights | Academic Year 2023 (July 2023 – June 2024)

Research and Publications

Guest Lectures	131	Research Working Papers	8
Research Seminars	135	Cases	1
Books	12	Teaching Notes	1
Book Chapters	20	In Media	17
Journal Articles	168	Reports	4
Conference Proceedings	42	Films/ Videos	8
Conference Presentations	160	Patents Registered by Faculty	4
Invited Lectures	225	Patents Registered by Startups	4
Student Presentations	50		

There were 38 Ongoing sponsored projects with a total sanctioned budget of INR 3239.4 lakhs

Sahyog: Centre for Promoting Health

The Bagchi School of Public Health, at Ahmedabad University, partnered with the Self-Employed Women's Association (SEWA) to set up the Sahyog Centre for Promoting Health, inaugurated in January 2024. Building on the slogan 'Inspire sustainable healthy changes,' the Centre aims to improve health locally, nationally, and globally through sustainable action, empowering individuals and communities to take charge of their health, and inspiring others, creating a domino effect.

Black Box Naming

The Black Box at the School of Arts and Sciences, a dedicated space for the performing arts, has been renamed Patrick French Black Box to honour the legacy of the late Patrick French, the Founding Dean of the School of Arts and Sciences and Professor for the Public Understanding of the Humanities. Meru Gokhale, an editor and wife of Professor French, led the renaming ceremony.

Global Awards

- Awarded the Royal Institute of British Architects (RIBA) International Award for Excellence 2024 for our University Centre.
- Ranked 6th in India and 18th in South Asia for climate action in the Times Higher Education (THE) Impact Rankings 2024.

Financial Aid and Scholarship

Scholarship Type	Amount (INR in Lakhs)
Merit Based Scholarship	145.20
Need Based Scholarship	730.94
Mahatma Gandhi Scholarship	47.95
Other Scholarships	119.32
Fellowship to Doctoral Students	215.02
Total	1258.45

Graduating Students 2023-2024

Undergraduate*	748
Masters*	152
Doctoral	7
Certificate and Diploma	31
Executive Education	12
Online Programmes	21
Total	971

*including dual degree students

New Programmes Launched

The BxMx Programme: A unique dual degree which allows an undergraduate student to study for a Bachelor's in one discipline while completing a Master's in another in five years.

Dual Degree in Integrated Arts Programme: The new programme offers multiple art forms for students to engage in at the undergraduate level and, later, allows them to specialise in painting, photography, music, or theatre at the graduate level.

Master of Technology in Composites: Offered in partnership with Ahmedabad Textile Industry's Research Association (ATIRA), it nurtures a new generation of engineers trained explicitly in composite materials to meet the industry's needs.

Bachelor of Technology in Electrical and Electronics Engineering: The programme provides solid, in-depth theoretical and practical knowledge and skills on foundational subjects and topics from other disciplines, realising the integrative nature of Electrical and Electronics Engineering.

PhD in Epidemiology: A rigorous, structured doctoral programme focused on identifying knowledge and action gaps, designing and conducting research studies, and integrating traditional and contemporary approaches for data collection and analysis with the goal of primary prevention and solving challenging public health problems.

CHAIRMAN'S NOTE

"It always seems impossible until it is done." Nelson Mandela

The academic year 2023 marked the completion of fifteen years of operations of Ahmedabad University. The University has emerged as a high-quality and impactful full-service multidisciplinary institution. Its prestige as an innovative institution that transforms lives of young people has been growing rapidly. We have also emerged as the only truly interdisciplinary University in the country with the deepening of initiatives to build courses jointly taught by faculty from different disciplines and research programmes that address a problem holistically. This diversity and quality is reflected in student outcomes as well – graduate admissions to world's most reputed institutions, jobs with highly progressive Indian companies, and several startups by our students.

The new education policy talks about flexibility in higher education. Ahmedabad provides maximum flexibility to its students that allows them to discover their passion and prepares them to understand broad challenges of society while building deep capabilities in their chosen discipline. These range from a choice-based curriculum to a facility to change one's major as one discovers their interest to an ability to craft one's own degree. Liberal arts programmes around the world build critical thinking abilities, yet those in India suffer from low possibilities of quality employment. Our new dual degree, the BxMx Programme, allows a student, especially those who are doing a liberal arts degree (BA or BS), to also complete a professional Master's degree or a degree with high employability potential.

This year we also introduced two new programmes at the School of Engineering and Applied Science – both catering to new developments in the country. The new undergraduate major in Electrical and Electronics Engineering will serve the new developments in the semiconductor and electronics sectors, especially in Gujarat. The University also launched India's first Master of Technology programme in Composites in partnership with ATIRA. The composite programme will also be assisted by a new partnership with the most reputed German engineering institution, RWTH Aachen University.

The School of Public Health was named the Bagchi School of Public Health to honour the phenomenal vision and support provided by Susmita and Subroto Bagchi. The School launched its first programme, the PhD programme in Epidemiology. The School has also partnered with the Self Employed Women's Association, SEWA, to establish SAHYOG, a health promotion centre to advance the practice of public health in the country, particularly in rural Gujarat.

As this report gets published, the news of Ahmedabad University winning the bid to establish the International Fintech Institute for GIFT City as the lead member of the consortium comprising IIT Gandhinagar and UC San Diego comes as a strong vindication of our highly rigorous and innovative approach to education. More on this in our report next year!

PANKAJ CHANDRA

*Vice Chancellor and
Chairman, Board of Management*



AMRUT MODY SCHOOL OF MANAGEMENT

The mission of Amrut Mody School of Management is to advance the understanding of the practice of management through interdisciplinary enquiry. Building on this idea, the School prepares responsible leaders who develop a contextual understanding, are innovative, and believe in creating a sustainable world. It strives to bring interdisciplinary inputs and liberal perspectives to management students to develop solutions to contemporary problems.

The School offers wide-ranging, multi-faceted management education through undergraduate, graduate, and doctoral programmes and short-term courses for working professionals and practitioners. The School works closely with industry partners to provide a balance between rigorous practice and strong conceptual education.

Centrally located, the Management School is surrounded by historic centres of commerce whose rich mercantile and industrial legacy edifies new business ideas, offering learning opportunities for students. The School continuously fosters entrepreneurial thinking that might transform tomorrow's business and society.





NEW FACULTY

MD SHAHRUKH ANJUM

Assistant Professor
PhD in Decision Sciences, Indian
Institute of Management Bangalore

SANJAY BANERJI

Visiting Professor
PhD in Economics, The State University
of New York

RAKESH CHATURVEDI

Associate Professor
PhD in Economics, Pennsylvania
State University

SUGAT CHATURVEDI

Assistant Professor
PhD in Economics, Indian Statistical
Institute, Delhi

AMIT DAS

*Professor and Senior Associate Dean,
Graduate Programmes*
PhD in Information and Decision
Sciences, University of Minnesota
Twin Cities

SHOBHA DAS

Dean and Professor
PhD in Strategic Management and
Organisation, University of Minnesota
Twin Cities

PRATEEK JAIN

Assistant Professor
PhD in Finance and Accounting, Indian
Institute of Management Bangalore

TANYA JAIN

Assistant Professor
PhD in Economics, Indian Institute of
Management Bangalore

KINSHUK SAURABH

Associate Professor
Fellow Public Systems Management,
Programme in Management (FPM),
Indian Institute of Management
Ahmedabad

AMIT SINGH

Assistant Professor
PhD in Applied Text Analytics, Indian
Institute of Technology Kharagpur



PROGRAMMES

UNDERGRADUATE

Bachelor of Arts (Honours)

- Major in Economics (jointly offered with the School of Arts and Sciences)

Bachelor of Commerce (Honours)

Bachelor of Commerce (Professional)

- Major in Accounting

Bachelor of Business Administration (Honours)

- Major in Accounting and Finance
- Major in Business Analytics
- Major in Finance
- Major in Finance and Economics
- Major in Human Resource and Organisations
- Major in Marketing
- Major in Operations Management
- Major in Operations Research and Statistics
- Major in Supply Chain Management

Integrated Master of Business Administration

- Major in Family Business and Entrepreneurship

The BxMx Programme (Dual Degree)

- BA (Economics/History/Philosophy, History and Languages/ Psychology/Social and Political Sciences) + MBA
- BTech (Chemical Engineering/Computer Science and Engineering/ Mechanical Engineering) + MBA
- BS (Computer Science/Mathematical and Computational Sciences/Physics) + MS in Quantitative Finance

GRADUATE

- Global Executive Master of Business Administration in Pharmaceutical Management
- Master of Arts in Economics
- Master of Business Administration
- Master of Management Studies in Heritage Management
- Master of Science in Quantitative Finance

DOCTORAL

- PhD in Management

EXECUTIVE EDUCATION

- Operations and Business in India – From Gandhi to Globalisation (with Wharton School)
- Transforming R&D in Indian Firms (with the Centre for Technology, Innovation and Economic Research (CTIER)
- Arvind Limited - AMD Rising
- Zydus Lifesciences Limited - STEER for People Managers

FACULTY ACHIEVEMENTS



MAYANK AGGARWAL
Assistant Professor

Received the Chairman's Award for Research Excellence.



ARANYA CHAKRABORTY
Assistant Professor

Received "Young Scholars' Best Paper Award" at the international conference by the Centre for International Trade and Development, Jawaharlal Nehru University, for the paper, "Network-Based Targeting with Heterogeneous Agents for Improving Technology Adoption."



LOYIMEE GOGOI
Assistant Professor

Received travel support from the Science and Engineering Research Board, Government of India, to attend the 19th European Meeting on Game Theory (SING 19) at the University of Franche-Comté in Besançon, France.



HETAL JHAVERI
Assistant Professor

Appointed to the Board of Studies of Sardar Vallabhbhai Global University.



MOUMITA ROY
Assistant Professor

Awarded the '2024 CABE Visiting Fellowship' from the Centre for Asian Business and Economics, University of Melbourne.



VINODH MADHAVAN
Associate Professor



JINAL PARIKH
Assistant Professor

Appointed as the Section Co-editor of the "Conferences and Book Review" section of the International Federation of Operational Research Societies (IFORS) Newsletter w.e.f June 2024.



PARAG PATEL
Associate Professor and Senior Associate Dean

Re-appointed on the Board of Studies of Atmiya University for 2024-27.



SIDDHARTH SAXENA
Assistant Professor

Joined the Public Health Scotland Apprentice Programme as a "Board Apprentice". Public Health Scotland is the host board for the UK Boardroom Apprentice Programme.



RAMADHAR SINGH
Distinguished University Professor

- Received the Lifetime Achievement Award, Indian Academy of Management (INDAM), an affiliate of the Academy of Management, USA.
- Joined as the Consulting Editor of the Psychology and Developing Societies.



VIBHA TRIPATHI
Assistant Professor

Received the Chairman's Award for Teaching Excellence.



JEEMOL UNNI
Professor

- Appointed as a member of a Technical Advisory Committee on the Evaluation Study of Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) by Niti Aayog.
- Awarded "Best Paper Award" at the Australian New Zealand Academy of Management (ANZAM) Conference 2023 under Entrepreneurship and SMEs Stream for the coauthored paper, "What is your true entrepreneurial identity? The Conundrum of Femininity and Identity in Female Entrepreneurs." Also conferred with the "Best Stream Paper award."

EVENTS

CONCOURSE

The annual management festival (March 29 - 31, 2024) brought people together to create meaningful learning experiences. Themed on "Allier," the event saw participation from more than 15 universities, including Christ University, Bengaluru, O. P. Jindal Global University, Delhi, and Maharaja Sayajirao University of Baroda.

THE CONVERSATION SERIES

Harish Mehta, Founder, Onward Technologies, Co-founder, NASSCOM, and **Ravi Miglani**, Professor of Practice of Management, Amrut Mody School of Management, Ahmedabad University. *IT Entrepreneurs and NASSCOM: An Extraordinary Tale of Success*. August 10, 2023.

Isabel Guerrero, Executive Director, IMAGO Global Grassroots, and **Tana Trivedi**, Lecturer, Amrut Mody School of Management, Ahmedabad University. *Scaling up Development Impact*. October 28, 2023.

Ravi Kant, Former Vice Chairman, Former Managing Director, Tata Motors, and **Ravi Miglani**, Professor of Practice of Management, Amrut Mody School of Management, Ahmedabad University. *How to Manage Self, Team, and Task*. January 31, 2024.

LEADERSHIP SERIES

Thomson Jose, Senior Executive Vice President, Branch Banking Head, HDFC Bank (Gujarat). *The HDFC Bank Story*. September 2, 2023.

Aravind Chinchure, Academician and Corporate Strategist. *Shaping the Future: Navigating the Era of Industry 4.0*. October 9, 2023.

Binoy Parikh (BCom 2012), Executive Director, Catalyst Advisors, and Independent Director, Sardar Energy and Minerals Limited. *Navigating Mergers and Acquisitions in India*. October 14, 2023.

Jasmine Gupta, Founder and Director, Meitmoney and Chief Digital Officer Pahal Finance. *The FinTech Story*. October 21, 2023.

Siddhartha Kadia, Leader in Global Executive Management and Public Company Governance. *Why Multidisciplinary Education Matters: Personal Journey*. January 3, 2024.

Ravi Kant, Former Vice Chairman, Former Managing Director, Tata Motors. *Importance of Trust in Leadership*. January 31, 2024.

LEADING LEGACIES SERIES

Leading Legacies series allowed students to engage with leaders from family businesses spanning generations and gain valuable insights from their experiences. Our speakers this past year included:

Ashish Soparkar, Founder, Meghmani Organics, and **Kaushal Soparkar**, Director, Epigral Ltd. March 15, 2024.

Behram Mehta, Founder, Owner and Director, Aava Natural Mineral Water, **Shiroy Mehta**, Managing Director, Aava Natural Mineral Water, and **Avanti Mehta**, Water Sommelier and Brand Lead, Aava Mineral Water. April 10, 2024.



WORKSHOPS

R Programming

Professor Jinal Parikh conducted two workshops on R Programming which taught cleaning, visualising, and analysing large datasets. The workshops were held on November 24, 2023 and January 31, 2024.

Evaluating the Socio-Economic Impact of the MUDRA Yojana Beneficiaries in Gujarat

Ahmedabad University hosted an ICSSR-sponsored workshop to disseminate the findings of the short-term empirical research projects, 2023-24, evaluating the "Socio-Economic Impact of the Pradhan Mantri MUDRA Yojana (PMMY) on Beneficiaries in Gujarat." The event, held on March 4, 2024, featured keynote addresses by Vinod Agarwal, former Chairman of the Gujarat State Council Confederation of Indian Industry, and Kartik Mehta, Co-founder of Pahal Finance Pvt Ltd.



CONFERENCES

5TH ANNUAL ECONOMICS CONFERENCE

The 5th Annual Economics Conference provided a global platform for academics, practitioners, policymakers, government officials, and research scholars to discuss critical issues in economics and finance, shaping the future of these fields. The Conference addressed the current economic theory and policy issues by focusing on various relevant topics for policymaking in any emerging and developing economy. Reflecting on India's economic journey, Professor Chakravarthi Rangarajan emphasised the importance of dealing with the poverty line and economic inequality to accelerate India's economic growth in the future. The Conference saw industry panels and paper submissions from diverse fields in economics, including behavioural economics, the economics of gender and discrimination, environment and energy, industrial organisation, health, education, money and banking, financial economics, the economics of growth, and public finance.

The following eminent academics participated in the Conference:

- Ujjayant Chakravorty, Professor of Economics, Tufts University, USA
- Ashima Goyal, Emeritus Professor, Indira Gandhi Institute of Development Research (IGIDR), Mumbai and Member of Monetary Policy Committee, RBI
- Chakravarthi Rangarajan, Distinguished University Professor, Ahmedabad University, and former Governor, Reserve Bank of India
- Arnab Basu, Professor of Economics, Cornell University, USA



ASIA PACIFIC INNOVATION CONFERENCE (APIC 2023)

Global crises, such as climate change, pandemics, urbanisation, and many others, require deep science and technology interventions, paving the pathway for Indian Science to play a significant role on the global scale. The 13th Asia-Pacific Innovation Conference, hosted by the Centre for Technology Innovation and Economic Research (CTIER) and Ahmedabad University, focused on this theme. The Conference promoted an interdisciplinary exchange of knowledge related to innovation, intellectual property rights, and science and technology policy. It discussed the building of deep scientific capabilities and infrastructure to meet these requirements and investments by both government and industry in the national innovation system.

At the inaugural panel discussion at the Conference, the Need for India's 1991 Moment for Science and Technology Reform, Naushad Forbes, chair of the panel, talked about whether India's national innovation system is on the cusp of a change and the need for investment in research, development, and innovation in the country. The panellists included Montek Singh Ahluwalia, a key figure in India's economic policy and reforms since the 1980s and the former Deputy Chairman of the Planning Commission of India; T N Ninan, one of India's leading commentators on the Indian Economy and the former Chairman of Business Standard Limited; and Pankaj Chandra, Vice Chancellor, Ahmedabad University.



INTERNATIONAL IMMERSIONS

Innovative practices, cultural parallels, new technologies, and ways to incorporate them into businesses are key learnings in international immersion. Students visited the places, including Singapore, Malaysia, Dubai, and Sharjah, that play a crucial role in the global economy due to their strategic location and strong trade presence. An integral component of the University's pedagogy, the immersion offered students insights into the economy, arts and culture, energy conservation techniques, and technological advancements in the locations they visited.



STUDENT ACHIEVEMENTS



AADI ANTHONY

Bachelor of Business Administration (Honours)

Awarded Academic Director's Scholarships for LSE Summer School 2024 in the Technology, Media and Society category by the London School of Economics and Political Science, London.



AMEE BARCHHA

Integrated Master of Business Administration

- Awarded "Start-up of the Year" award for outstanding contribution to providing unique skincare solutions at Start-up Fest Gujarat, organised by Sneh Shilp Foundation in association with Gujarat Technology University at Ahmedabad
- Received Grant for start-up registration at LJ Antrapreneur Lab from the central government



PRIYANKA BRAHMBHATT

Bachelor of Business Administration (Honours), Finance and Economics

Awarded first place in a Debate competition by International Management Institute Kolkata.



ADITI JAIN

Bachelor of Business Administration (Honours), Finance and Economics

- Awarded Best Speaker Award at the Mahatma Gandhi Elocution Competition 2024, organised by HL College of Commerce.
- Secured first position in a group dance competition at the cultural fests of Karnavati University and the Indian Institute of Management Ahmedabad.



YASH JOSHI

Bachelor of Business Administration (Honours), Marketing

Secured the first position in the case study competition organised by Indian Institute of Management Kozhikode (IIMK).



DIMPLE RANGLANI

Master of Business Administration

Finalist at the India in 2047 - National Case Competition organised by Institute of Chartered Financial Analysts of India (ICFAI) Business School and Saint Gobain, Hyderabad.



BUNTY DULANI

Diploma, Financial Analysis



MUSTAFA RUPAWALA

Integrated Master of Business Administration

Selected for Study of U.S. Institutes (SUSI) Program on Global Leadership in Religious Diversity and Democracy hosted by US Departments of States and Meridian International and Dialogue Institute at Temple University.



PREET SHAH

Integrated Master of Business Administration

Awarded "Best Innovating Tourism Initiative in India" by Musafir Media Hub, Delhi, for documentary titled 'Pinks Travels' Dekho Amdavad Hop On Hop Off Double Decker Ahmedabad City Tour.'



SHALVI SHAH

*Bachelor of Business Administration
(Honours), Finance and Economics*

- Awarded 'Millennium Fellowship' and selected as the Campus Director and a Millennium Fellow by the United Nations Academic Impact initiative
- Awarded the DEI Leadership Fellowship and Externship Program for Chief Diversity Office by 'The Glasgow Caledonian New York College Fellowship and Externship Program'.



VRUTANT SHAH

Master of Business Administration

Winner of the regional round finale of "Student Management Games 2024" organised by the All India Management Association.



VRUTANT SHAH ABHISHEK MULANI
Master of Business Administration

Selected for the 2024/25 DHL Go Trade fellowship programme.



SAHIL SONI

Master of Business Administration

Won a cash prize in the Gujarat Gyan Guru Quiz 2.0 Competition conducted by Education Department, Government of Gujarat.

INDUSTRIAL AND FIELD VISITS

- Students visited headquarters of Securities and Exchange Board of India, National Stock Exchange and Multi Commodity Exchange in Mumbai to understand various facets of the markets.
- Finance students visited GIFT International Financial Services Centre and the National Stock Exchange at GIFT City to learn more about the financial sector.
- Students of Marketing Strategies for Consumer Behaviour and Consumer Insights and Marketing courses visited Amul factory to understand consumer preferences in driving product innovation and marketing strategies.



GUEST LECTURES

Neha Kansara, Chief Operating Officer, Friends of Women's World Banking, Ahmedabad. *Providing Financial and Capacity-Building Services to Promote Livelihoods and Self-Reliance of Poor Women*. August 21, 2023.

Prashant Joshi, Assistant Vice President, Sales Center for Monitoring Indian Economy, Ahmedabad. *How to Access Data from CMIE*. August 23, 2023.

Vikas Surani (MBA 2011), Global Senior Director, Mastek, Ahmedabad. *Behaviour in Changing Organizations*. August 31, 2023.

Yesha Dalwadi (Integrated MBA 2021), Digital Analytics and Optimisation Specialist, Skipton Building Society, UK. *Digital Analytics and Optimisation Specialist*. September 4, 2023.

Shilpa Pandit, Associate Professor, School of Arts and Sciences, Ahmedabad University, Ahmedabad. *Culture and Consumer Behaviour*. September 8, 2023.

Shrikant Iyer (MBA 2008), Managing Director, Sarvayogam, Ahmedabad. *Selection and Testing*. September 12, 2023.

Vraj Ghoda (BCom 2019), Entrepreneur, Yuva Nation, Young Studio, Video Times and LED Solutions, Ahmedabad. *Branding Strategies*. September 14, 2023.

Rajesh Vaidya, Chief Human Resources Officer, L&T, Vadodara. *Sustainability & Human Capital*. September 25, 2024.

Kaumudi Joshipura, Dean, Bagchi School of Public Health, Ahmedabad University, Ahmedabad. *SDG 13- Good Health and Wellbeing*. September 26, 2024.

Raj Shah (BBA 2020, and MBA 2022), Head, Growth and Strategy, The Address, and **Yash Shah**, Founder and CEO, The Address, Ahmedabad. *Services in B2B Marketing*. September 28, 2023.

Valerie Mendonca, Manager, Insights, IIMA Ventures, Ahmedabad. *Case Discussion: Memorable Shaadi*. October 3, 2023.

Hemang Desai, Chief Human Resources Officer, Ishan Technologies, Ahmedabad. *Compensation Practices in International Assignment*. October 3, 2023.

Viral Sheth, Regional Head, ICICI Bank, Ahmedabad. *Basics of Trade and Trade Finance*. October 7, 2023.

Kritika Manshani (MBA 2016), Founder, The Content Engine, Ahmedabad. *Importance of Content in Digital Communication; Power of YouTube*. October 10, 2023.

Amish Keswani (BCA 2002), Senior Vice President, Digital Marketing, Markets and Markets, Pune. *Technology in B2B Marketing*. October 12, 2023.

Tejas Shah, Working Partner, Auctus Consulting, Ahmedabad. *Understanding the Process of Appeals under the Income Tax Act, 1962*. October 13, 2023.

Sarthak Bhansali (BCom 2010), Partner, SS Bhansali & Co. LLP, Ahmedabad. *Financial Infrastructure Underpinning Real Estate Development in India*. October 14, 2023.

Ashish Trambdia, Director, World Heritage Trust, Ahmedabad Municipal Corporation, Ahmedabad. *Building Laws in Old Cities*. October 16, 2023.

Tyag Dharmik (BCom 2004), Director, Electric Vehicle Charger Manufacturing, Chhabi Electricals Private Limited, Ahmedabad. *Marketing of Services*. October 19, 2023.

Sanjeev Kumar, President, Zydus Cadila Group, Ahmedabad. *Leader and Leadership - How does a Person in the Leader Impact the Leader in the Person?* October 19, 2023.

Jasmin Gupta, Founder and Director, CDO Pahal Finance, Ahmedabad. *The FinTech Story*. October 21, 2023.

Varun Sinha (BCom 2007), Director, Business Development, NoBroker.com, Bangalore. *Technology and Analytics in Real Estate*. October 21, 2023.

Avnish Kothari (BBA 2010), Partner, M/s AM Kothari, Advocates, Ahmedabad. *Legal and Regulatory Framework in the Real Estate Sector*. October 28, 2023.

Niraj Shah, Senior Vice President, Kotak Mahindra Bank, Ahmedabad. *Corporate Banking Practices with Banks in India: Challenges of Npas and Risk Management*. October 28, 2023.

Pranav Bhavsar, Co-Founder, India Independent Insight, Vadodara. *Practitioner's Perspective of Equity Research*. November 2, 2023.

Sonu Singh Dhingra, Director Operations, Pal Shellcast Pvt Ltd, Ahmedabad. *Applying Concepts of Producer Theory to Real World Situations*. November 7, 2023.

Dhaval Khamar, Co-founder, ACCUFINITY, Founder, DCK & Associates, and Director, Vertical Horizon Solutions, Ahmedabad. *IBC and its Implications on Banks in India*. November 8, 2023.

Hetal Jhaveri, Assistant Professor, Amrut Mody School of Management, Ahmedabad University, Ahmedabad. *Banking - Is a Physical Bank Really Needed?* November 11, 2023.

Raj Shah (BBA 2016), Investment Professional, Statheros LLP, Ahmedabad. *Valuation and Myths*. November 20, 2023.

Yash Shah, Founder and CEO, The Address, Ahmedabad. *Present and Future of Co-Working Spaces in India*. November 22, 2023.

Rutul Shah (BCom 2016), Chief Manager, Investor Relations, HDFC LIFE, Mumbai. *Financial Statements and Analysis of Banks*. February 2, 2024.

Ratna Ghoshal, Assistant Professor, School of Arts and Sciences, Ahmedabad University, Ahmedabad. *Science Communication*, February 10, 2024.



Aditya Vaishya, Assistant Professor, School of Arts and Sciences, Ahmedabad University, Ahmedabad. *How to Present Complex Scientific Information/Data in a Visually Appealing and yet Scientifically Correct Way*. February 14, 2024.

Rakesh Basant, Former Dean and Professor of Economics, Indian Institute of Management Ahmedabad. *Affirmative Action in Education: How does one Explore their Impact and Relevance?* February 27, 2024.

Abhimanyu Acharya, Writer. *Collection of Gujarati Short Stories, 'Rear View Mirror'*. February 29, 2024.

Rama Ratnam, Professor, School of Arts and Sciences, Ahmedabad University, Ahmedabad. *Communicating Science*. March 5, 2024.

Kranti Vora, Professor, Bagchi School of Public Health, Ahmedabad University, Ahmedabad. *Public Private Partnerships in Health: The CY Experience*. March 12, 2024.

Madhusudan Agarwal, Pilgrim Storyteller, Founder, MAM Movies, Ahmedabad. *Gandhi, Ethics and the Idea of Integrity*. March 19, 2023.

Roopal Shah, Former Executive Director, Indicorps, and Former Special Advisor to the Vice Chancellor, Ahmedabad University, Ahmedabad. *Gandhi, Ethics and the idea of Integrity*. March 19, 2023.

Leela Visaria, Professor, Gujarat Institute of Development Research, Ahmedabad. *Labour Force Participation Rates of Women*. March 21, 2024.

Anshu Bharti, Archivist, HCP Archives, Ahmedabad. *Archival Storage and Management*. March 22, 2024.

Hitesh Samariya (Integrated MBA 2023), Founder, SOCAL Media, Ahmedabad. *Artificial Intelligence and Automation in Digital Marketing*. March 27, 2024.

Shobhit Tyagi, Director, HR Shahswat, Ahmedabad. *Wage Code*. March 28, 2024.

Syed Nadeem Jafri, Founder and Chief Mentor Hearty Mart Enterprises, Ahmedabad. *Community Driven Businesses*. March 28, 2024.

Keshav Bhatia (BBA 2006), Senior Vice President, Communication Craft, and Non-executive Director, Lubi Industry, Ahmedabad. *Bhartiya Upabhogata - The Indian Consumer and My Leap of Faith*. March 30, 2024.

Keshav Bhatia (BBA 2006), Senior Vice President, Communication Craft, and Non-executive Director, Lubi Industry, Ahmedabad. *Consumer Insights and its Role on Success of the Brand*. March 30, 2024.

Naman Buch, Chief Human Resources Officer, L & T, Vadodara. *Compensation Practices*. April 1, 2024.

Anjali Choksi, Partner, First Woman Chairperson of ICAI, DJNV & Co, Ahmedabad. *IBC and its Implications on Indian Banks*. April 2, 2024.

Ravindra Khandwala, Professor, H. K. College, Ahmedabad. *Temple Economy of India*. April 2, 2024.

Madhu Menon, Director, Anala Outdoors & Environmentalist, Ahmedabad. *Environmental Ethics*. April 11, 2024.

Madhu Menon, Director, Anala Outdoors & Environmentalist, Ahmedabad. *Environment Ethics*. April 24, 2024.

Reshma Babnani (E-MBA 2013), Manager, Uplers, Ahmedabad. *Artificial Intelligence & Talent Management*. April 24, 2024.

Lalit Chaturvedi, President, HR Elgi Ltd, Coimbatore. *Talent Management*, May 1, 2024.

RESEARCH SEMINAR SERIES

Neel Kamal Chapagain, Ahmedabad University. *Changes in Heritage Discourse: Ruptures and Disruptions as Innovative Turns in the Evolution of Built Environments*. July 24, 2023.

Sudipta Sarangi, Virginia Tech, USA. *Social Networks and Intergenerational Mobility*. July 31, 2023.

Prashant Chintapalli, Ivey Business School, Canada. *Managing Product-Reusability Under Supply Disruptions*. August 10, 2023.

Darius Palia, Rutgers Business School, USA. *Impact of Dodd-Frank on Ceo Pay And Bank Risk*. August 24, 2023.

Prateek Jain, Indian Institute of Management Bangalore. *Professional Peer Networks and Mutual Fund Performance*. September 12, 2023.

Kousik Ganguly, O. P. Jindal Global University. *Political Connections, Cost of Capital and Investment Decisions: Evidence From India*. September 20, 2023.

Indradeep Ghosh, Massachusetts Institute of Technology, USA. *The Financial Lives of Low-Income Households in India*. September 22, 2023.

Abhishek Poddar, O. P. Jindal Global University. *Impact of Governance on Risk and Competition – A Comparative Analysis of US and Indian Banks*. September 28, 2023.

Rama Jayanti, Cleveland State University, USA. *To Trust or Not To Trust: Effects of Disclosure of Pharmaceutical Industry Payments to Physicians*. October 4, 2023.

Anomita Ghosh, University of Illinois, USA. *Persistence in Physicians' Locations: Long-Run Evidence from Decentralised Loan Repayment Programs*. October 6, 2023.

Samarth Gupta, Ahmedabad University. *Tenure, Earnings and Productivity of Platform Delivery Workers: Evidence from India*. October 11, 2023.

Kinshuk Saurabh, Nirma University. *Corporate Governance, Expropriation Mechanisms and Cross-Border Acquisitions by Indian Firms*. October 17, 2023.

Aranya Chakraborty, Ahmedabad University. *The Role of Experience in Learning for Index Insurance Products: Evidence from Rural Kenya*. October 18, 2023.

Shobha Das, Krea University. *Planning Ahead For Business Schools*. October 30, 2023.

MD Azharuddin Akhtar, Jawaharlal Nehru University. *Assessing the Economic Impact of Cancer Diagnosis and Treatment on Indian Households: A Comprehensive Analysis of Costs, Coping Strategies, and Financial Hardship*. October 31, 2023.

Ben Krishna, Indian Institute of Management Kozhikode. *Understanding the Process of Building Institutional Trust Among Digital Payment Users Through National Cybersecurity Commitment Trustworthiness Cues: A Critical Realist*

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Tanmoy Kundu, International Management Institute New Delhi. *Home Delivery vs. Out-Of-Home Delivery: Syncretic Value-Based Strategies for Urban Last-Mile E-Commerce Logistics*. November 27, 2023.

Manjot Singh Bhatia, LM Thapar School of Management. *Capabilities for Closed-Loop Supply Chain: Empirical Evidence from Emerging Economies*. November 28, 2023.

Sabyasachi Das, Gokhale Institute of Politics and Economics. *Decentralizing the Development-Conservation Trade-Off: Evidence from Forestland Diversions in India*. November 29, 2023.

Arun Upadhyay, Florida International University, USA. *Too Invested To Change: The Role Of Uncertainty Avoidance On Firms' Greenhouse Gas Emissions*. December 12, 2023.

Sudhir Pandey, Ahmedabad University. *Investigating Cause-Related Marketing Patronage Intention by Examining Schwartz's Theory of Human Values and Female Fashion Leadership*. December 14, 2023.

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Krishna Savani, The Hong Kong Polytechnic University, Hong Kong. *Counteracting Hiring Discrimination: Insights from Decision Biases and Mindsets*. December 15, 2023.

Krishna Kumar Balaraman, Indian Institute of Technology Jodhpur. *Microfoundations of Strategic Foresight Capabilities – A Measure of Employee Foresight*. December 19, 2023.

Sudip Bhattacharya, University of Connecticut, USA. *Business Schools in the 21st Century: An Imagination, US Census Bureau*. December 20, 2023.

Murali K. Mantrala, University of Kansas School of Business, USA. *Holistic Selling: An Emerging Paradigm in B2B Markets*. January 10, 2024.

Atul K Shah, City University of London, UK. *Corporate Governance, Accounting and The Big Four Con-Merchants*. January 11, 2024.

Rohan Ravindra Gudibande, Krea University. *Land Redistribution and Coercive Violence: Evidence from West Bengal*. January 17, 2024.

Amit Das, Krea University. *Machine Learning On Noisy Data*. January 22, 2024.

Shresth Garg, Harvard University, USA. *Dynamic Effects of Price Controls and Deregulation Policies: Evidence from The Indian Cement Industry.* January 23, 2024.

Sriparna Goswami, Iowa State University. *Advertising Spillovers and Consumer Awareness in the Craft Beer Market.* January 30, 2024.

Neel Kamal Chapagain, Ahmedabad University. *Perceptions of Change and Resilience in The Post-2015 Earthquakes In Nepal.* February 2, 2024.

Rakesh Chaturvedi, FLAME University. *Integrating Raiffa and Nash Approaches to Bargaining Using Interim Agreement.* February 13, 2024.

Amit Singh, Indian Institute of Technology Jodhpur. *Do Online Reviews Influence Car Sales.* February 15, 2024.

Anshumaan Tuteja, University of Warwick, UK. *What Explains the Stock Market's Response to QE Policy? Evidence from a Decomposition of the US S&P500 Index.* February 16, 2024.

Sakshi Sharma, Libera Università Internazionale degli Studi Sociali Guido Carli, Rome. *Resource-Based Digital Platform Ecosystem Development: Case Study of a Superapp in Vietnam.* February 21, 2024.

Shruti Sardeshmukh, Shiv Nadar University. *Decoupling In Hybrid Arrangements: Insights from the Australian Defence Industry.* February 22, 2024.

Sunil Mani, Ahmedabad University. *Innovation Performance of Two High-technology Industries from India- A Comparative Analysis of India's Pharmaceutical Industry vis-à-vis the Computer Software Services Industry.* February 29, 2024.

Sunil Mani, Ahmedabad University. *Impact of New Technology on India's Manufacturing Industry: The Case of Diffusion of Multi-purpose Industrial Robots.* March 5, 2024.

Sunil Mani, Ahmedabad University. *Policies for Promoting Technological Self-reliance in India: An Analysis of Patent and R&D Tax Policies.* March 13, 2024.

Abhitesh Ranjan, University of Minnesota, USA. *Effect of Reserve Accumulation on Employment.* April 9, 2024.

Aditya Prakash Kanth, Ahmedabad University. *A Study of Detection of Chemical Transformation in Indian Wall Paintings using Raman and FTIR Analyses.* April 10, 2024.

Abhishek Dureja, Indian Institute of Management Ahmedabad. *Demand and Supply-Side Incentivization and Child Health Outcomes: Evidence from India,* April 16, 2024.

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Ankit Surana, Macquarie University, Australia *Internationalisation Process: A Contextual Analysis of Indian Business Firms.* April 30, 2024.

Ravi Kant Rai, University of Liverpool, UK. *Discrete Richman-Bidding Scoring Games.* May 1, 2024.

Harnain Kaur Arora, Indian Institute of Management Ahmedabad. *Exploring the Trajectory of Moral Courage in Whistleblowing at Work: Actual Whistleblowers' Lived Experiences.* May 20, 2024.





EXECUTIVE EDUCATION

Executive Education at Ahmedabad University facilitates collaboration between the University and the world of practice. We offer programmes for working professionals designed as timely learning interventions that help them upgrade their skills and progress in their careers while enhancing organisational performance. The programmes prepare leaders of tomorrow with deep domain/functional knowledge coupled with independent and creative decision-making skills with a global perspective.

THE GLOBAL EXECUTIVE MBA IN PHARMACEUTICAL MANAGEMENT

Ahmedabad University launched the Global Executive MBA Degree in Pharmaceutical Management (GEMBA PM) in September 2018, for senior/middle management professionals in pharmaceutical and allied industries.

The programme has successfully launched six cohorts with participants across domains, including R&D, finance, manufacturing, operations, sales and marketing, leadership, planning, and compliance functions from some of the top pharmaceutical companies of India.

Participants from each cohort, with nearly two decades of work experience, represented organisations such as Biocon Limited, Merck Lifesciences, Zydus Life Sciences, R-Pharm Russia, Orbicular Pharma Technologies, KPMG, and more.



TRANSFORMING R&D IN INDIAN FIRMS

Ahmedabad University, in collaboration with the Centre for Technology, Innovation and Economic Research (CTIER), launched the 3rd cohort of Transforming R&D in the Indian Firms Programme in October 2023. Spread over 12 weeks, the programme blends on-campus and online learning modules for individuals considering a career as future R&D heads. Participants from each cohort, with more than two decades of work experience, represented organisations such as Tata Steel, Forbes Marshall, Pidilite Industries, Blue Star, Rallis India, Rane Group and Dixon Technologies.

CUSTOMISED LEARNING

Stemming from the focus on an interdisciplinary approach and research thinking, Ahmedabad University developed customised learning interventions and executive programmes to bridge capability gaps in client organisations. These uniquely designed customised programmes are tailored to address specific learning and re-skilling needs in the organisation's different areas.

AMD Rising – Leadership Development Programme

Ahmedabad University and Arvind Advanced Material Division (AMD) leadership team customised a Leadership Development Programme for future leaders of Arvind's AMD division. The programme grooms professionals at the top of their vertical functions, broaden their perspective, and help them develop tools and techniques to strengthen their organisation and handle issues involving cross-functional areas. Spread over eight months, the programme brought participants from different departments with unique skills and experience, resulting in engaging peer bonding and learning.

STEER – An Executive Programme for People Managers

Ahmedabad University customised and curated The 'STEER' programme for the PTC division in Zydus Lifesciences. The two-day workshop covered essential and fundamental principles of communication and behavioural sciences that a manager/leader must be familiar with while working in an organisation. The programme developed the capabilities of the managers through interactive, experiential, and cross-learning activities.

Joint Immersive Programme – From Gandhi to Globalisation - Business and Operations in India

Ahmedabad University and The Wharton School partnered to offer an immersive course for both institutions' Executive MBA and MBA students. The global modular course helped students understand business opportunities and practices through hands-on and team-based immersive learning in diverse locations. The course comprised visits to organisations, interactive sessions with nation's changemakers, and innovative approaches to industrial and social development.

Participants visited various firms, factories, non-profits, and social groups such as Amul, Self Employed Women's Association (SEWA), Laxcon Steel, International Financial Services Centres Authority (IFSCA), Arvind Limited, and Hitachi-Johnson control to unearth the complex interactions between parallel models of development ideals in a fledgling democracy. These opportunities allowed them to learn more about the evolution of a nation that seeks to assert its unique position in the globalised world.



RESEARCH

AMRUT MODY SCHOOL
OF MANAGEMENT

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Mehta, B. (2024). Religious Practices, Emotional Labor Expressions and Business Mindedness in Sharing Economy Homestay Owners. *5th International Conference on Heritage Management Education and Practice*, Ahmedabad University, India, March 15-17.

Mukherjee, P. (2024). Customer Responses to Platform Exploitation Attempts by Service Providers in the Sharing Economy. *ISMS Marketing Science*, Sydney, Australia, June 27-29.

Naik, D., & Jhaveri, H. (2024). Empirical Study on Selection Criteria Used by The Incubation Center for the Selection of the Incubatees. *9th PAN IIM World Management Conference 2023*, Indian Institute of Management Sambalpur, India, January 22-24.

Pandey, S. (2023). Investigating CRM-based Strategy by Examining Value-profiling, Patronage and Fashion Leadership. *India Strategy Conference:*

Strategies for a Digital and Inclusive Future, Indian Institute of Management Bangalore, India, December 14-17.

Pandey, S. (2023). A Hybrid SEM-ANN-NCA Approach to Predict the Factors Influencing CSR Authenticity and CRM Purchase Intentions: An Attribution Theory Perspective. *22nd International Congress on Public and Nonprofit Marketing (IAPNM 2023)*, Veszprém, Hungary, July 5-7.

Pandey, S. (2023). Investigating CRM Patronage Intentions by Integrating Human Values and Fashion Leadership. *Association of Business Communication ABC 88th Annual International Conference: Reaching New Heights: The Future of Business Communication*, Denver, Colorado, Virtual, October 18-20.

Pandey, S. (2023). Predicting CRM Patronage Intentions Based on Female Fashion Leadership: A Hybrid SEM-ANN-MGA Approach by Employing Schwartz's Theory of Human Values. *British Academy of Management (BAM 2023)*, University of Sussex Business School, UK, September 5-6.

Parikh, J., & Weber, G. (2023). Total Factor Energy efficiency in Developing countries with specific reference to India: An Empirical Analysis using the SBM-DEA Model. *23rd Triennial conference of the International Federation of Operational Research Societies (IFORS 2023)*, Santiago, Chile, July 10-14.

Patel, S., Dove, S., & Szymanski, D. (2023). Building Transdisciplinary Mindsets for Sustainability. *GBSN (Global Business School Network) Beyond: Annual Conference 2024: Transformative Power of Talent and Technology*, The American University in Cairo, Egypt, October 30-November 1.

Rao, R., & Subramanian, C. (2023). Credit Market Frictions: Collateral-based vs. Earnings-based Borrowing Constraints. *Hong Kong Economic Association Biennial Conference 2023*, Hong Kong University, China, December 14-15.

Saha, K., Banerji, S., & Ray, P. (2024). How Far is Luxembourg from New York? Impact of Foreign Stock Exchange on Linkages Between Dually Listed Stocks. *14th Financial Markets & Corporate Governance Conference*, Kuala Lumpur, Malaysia, May 2-4.

Singh, R. Understanding and Pursuing Research. *14th Edition of the International Conference on Excellence in Research and Education (CERE)*, Indian Institute of Management Indore, India, May 31-June 2, 2024.

Singh, R., & Jain, T. (2023). R&D Tax Credits and Price Competition: Evidence from India. *Asian Meeting of the Econometric Society in East and Southeast Asia*, Nanyang Technological University, Singapore, July 28 – 30.

Sinha, A. (2023). Investments and Democracy. *CESP (The Centre for Economic Studies and Planning) Golden Jubilee Conference*, Jawaharlal Nehru University, India, December 11-13

Sinha, A. (2024). Identity versus Economics? *4th Development Economics Conference*, University of Lincoln, UK, June 24-26.

Sinha, A. (2024). Investments and Democracy. *International Conference on Recent Developments in Economics Research: Theory and Evidence*, Jawaharlal Nehru University, India, March 7-8.

Thaker, N., & Dani, M. (2023). Mandatory Auditor Rotation and Audit Quality: Evidence from Indian Companies. *International Finance and Accounting Conference (IFAC) 2023*, Indian Institute of Management Jammu, India, September 8-9.

Trivedi, T. (2023). History of Banking in the Princely States of Gujarat: A Study of Bhavnagar Darbar Savings Bank. *3rd International Conference on Indian Business and Economic History*, Indian Institute of Management Ahmedabad, India, August 31-September 2.

Trivedi, T. (2024). Ahmedabad Textile Industry's Research Association: A Case Study in Chronicling the History of Research and Development in Indian Textile Industry. *All India Management Association Case Writing Competition and Conference*, New Delhi, India, May 9-11.

Unni, J. (2024). Economic Growth and Inequality of Opportunity in India. *64th Labour Economics Conference*, Indian Society of Labour Economics. University of Hyderabad, India, March 29-31.

Unni, J. (2024). Entrepreneurial Intentions of Female Students in Indian Higher Education Institutions: The

Impact of Entrepreneurial Education, Family Background and Attitudes. *Global Conclave on Advancing Human Development in the Global South*, New Delhi, India, January 11-13.

Yadav, V., Adya, M., & Unni, J. (2023). What is Your True Entrepreneurial Identity? The Conundrum of Femininity and Identity in Female Entrepreneurs. *36th Australia and New Zealand Academy of Management Conference*, Wellington, New Zealand, December 5-7.

INVITED LECTURES

Arora, P., & Roy, M. Are Students Really Biased Against Female Professors? An Experimental Analysis. *Indian Statistical Institute Delhi*, Delhi, January 15-February 14, 2024.

Arora, P., & Roy, M. Are Students Really Biased Against Female Professors? An Experimental Analysis. *Management Development Institute*, Gurgaon, February 6, 2024.

Arora, P., & Roy, M. Are Students Really Biased Against Female Professors? An Experimental Analysis. *Indira Gandhi Institute of Development Research*, Mumbai, February 28, 2024.

Arora, P., & Roy, M. Are Students Really Biased Against Female Professors? An Experimental Analysis. *Shiv Nadar University, Delhi NCR*, April 19, 2024.

Bhattacharya, G. Trade and Environmental Policies with Special Interest Politics: A Case of Asymmetric Information. *Indian Institute of Technology Hyderabad*, Virtual, August 23, 2023.

Chakraborty, A. The Role of Experience in Learning for Index Insurance Products: Evidence from Rural Kenya. *Far Siders Development Seminar*, Virtual, September 25, 2024

Chakraborty, A., Maggio, G., & Santeramo, F. G. Lessons from the Past: How Experience Reduces the Impact of Weather Shocks on Ugandan Smallholders. *CIREQ Lunch Seminar*, McGill University, Canada, June 4, 2024.

Chandra, P. Integrating Arts: Building Education towards Freedom. *2023 Ashok Da Ranade Memorial Lecture*, Mumbai, December 7, 2023.

Das Gupta, S. Exploring the Influence of Urbanisation and Growth on Emissions

in Developing and Emerging Economies: Evidence from Nonlinear Methods. Indira Gandhi Institute of Development Research, Mumbai, March 6, 2024.

Jain, T., & Singh, R. R&D Tax Credits and Price Competition: Evidence from India. Indian Statistical Institute Delhi, New Delhi, January 22, 2024.

Mehta, B. Digital Branding in the Age of Artificial Intelligence. Doordarshan Ltd., Ahmedabad, January 8, 2024.

Mehta, B. LinkedIn - Empowering Women Entrepreneurs in the Digital Age. MTM Group of Women Entrepreneurs, Ahmedabad, September 15, 2023.

Mehta, B. The Research Journey - Getting the Most out of Your Research. Meet the Reviewer Series, L J University, Ahmedabad, April 22, 2024.

Parikh, J. EWG-ORD Workshop 2 in the stream OR for Development and Developing Countries. 23rd Conference of the International Federation of Operational Research Societies, Santiago, July 13, 2023.

Parikh, J. Research Approaches in Humanities: Unveiling Methodological Diversity. L D Arts College, Ahmedabad, Virtual, February 1, 2024.

Singh, R. Doing Research on Persons and Groups. Faculty Development Program in Research, UPES: The University of Tomorrow, Dehradun, September 1, 2023.

Singh, R. Doing Research on Persons and Groups. Indian Institute of Management Indore, June 3, 2024.

Singh, R. Doing Research on Persons and Groups. Research and Publication Workshop, Management Development Institute, Gurgaon, April 26, 2024.

Singh, R. Guiding Research by Students. Research and Publication Workshop, Management Development Institute, Gurgaon, April 29, 2024.

Singh, R. Guiding Research by University Students. Faculty Development Program in Research, UPES: The University of Tomorrow, Dehradun, September 4, 2023.

Singh, R. Preparing a Manuscript for Public and Publication. Research and Publication Workshop, Management Development Institute, Gurgaon, April 30, 2024.

Singh, R. Preparing a Manuscript for Publication. Faculty Development Program in Research, UPES: The University of Tomorrow, Dehradun, September 6, 2023.

Singh, R. Research: What, why, and how? Alliance University, Bangalore, November 25, 2023.

Singh, R. Research: What, why, and how? Faculty Development Program in Research, UPES: The University of Tomorrow, Dehradun, August 31, 2023.

Singh, R. Research: What, why, and how? Indian School of Business and Media, Bangalore, November 27, 2023.

Singh, R. Research: What, why, and how? Research and Publication Workshop, Management Development Institute, Gurgaon, April 25, 2024.

Singh, R. Sustaining Our Academic Responsibility. 9th Annual Conference of the Indian Academy of Management, Goa, January 13, 2024.

Shah, S. Union Budget's Impact on Various Sectors of the Indian Economy. Economatrix, Neerja Modi School, Jaipur, February 4, 2024.

Sharma, E. Roots of CSR in India and mandated CSR. Université catholique de Louvain, Brussels, April 15, 2024.

Trivedi, C. Sama Bhav- Portrayal of the LGBTQIA+ in Indian Cinema. MAVA, Mumbai and RENEW, Thimpu, August 29-31, 2024.

Trivedi, C. Vidroh ane Vidrohi: About the author Gaurang Raval. Sauhard, Ahmedabad, October 13, 2023.

Trivedi, C. Two films: 'Pine Cone' by Onir and 'Man & Wife' by Rahul Roye. Gujarat Queer Pride Federation and Alliance Française, Ahmedabad, February 17, 2024.

Trivedi, C. Two films: 'Pine Cone' by Onir and 'Man & Wife' by Rahul Roye. Gujarat Queer Pride Federation and Alliance Française, Ahmedabad, May 17, 2024.

Trivedi, T. Sarthakaa- New Sainik School Refresher Training. Indian Institute of Teachers Training, Gandhinagar, May 2, 2024.

Trivedi, T. Shaping Graduates for the Global Stage. Indian Institute of Teachers Training, Gandhinagar, February 6-7, 2024.

Vyas, P. Edutainment in Public Policy. Indian School of Public Policy, New Delhi, April 18, 2024.

Yadav, S. Union Budget. Akashvani, Ahmedabad, February 1, 2024.

RESEARCH WORKING PAPERS

Singh, R. (2023). On the Complexity of a "Seemingly Simple Relation" between Attitude Similarity and Attraction. WP-AMSOM-MNO-2023-03, Ahmedabad University.

Singh, R. (2023). Validating Cognitive and Emotional Urges in Comprehending One's Surroundings: The Case of Attraction from Attitudes. WP-AMSOM-MNO-2023-02, Ahmedabad University.

Singh, R., Sahoo, B., & Mohanty, R. (2023). Precedence of Managerial to Technical Efficiency in Longitudinal Performance of Private versus Public Banks in India. WP-AMSOM-MNO-2023-01, Ahmedabad University.

TEACHING MATERIALS

Cases

Dugar, P., & Mankodi, K. (2024). *FNPL - Planning Growth Through Balanced Scorecard?* CS-23-001, Amrut Mody School of Management, Ahmedabad University.

Teaching Notes

Dugar, P., & Mankodi, K. (2024). *FNPL - Planning Growth Through Balanced Scorecard?* CS-23-001TN, Amrut Mody School of Management, Ahmedabad University.

BAGCHI SCHOOL OF PUBLIC HEALTH

The World Health Organization (WHO) defines public health as organised measures (public or private) to prevent disease, promote health, improve the population's life expectancy, and provide conditions for people to be healthy. This necessitates pooling in diverse population-based perspectives and approaches.

The Bagchi School of Public Health builds on the University's unique strengths and interdisciplinary education to train individuals and nurture problem solvers who will develop contemporary, wholistic, and innovative solutions for public health, one of the most critical areas of the 21st century.

- University Community: Health Survey, Health Fair.
- MoU signed with MDRF, Healix and SEWA.
- Osteoporosis awareness presentation for female outsourced personnel within the University.



Focus Areas

- **Education:** Train leaders to adapt to changing dynamic systems and address both ongoing and unforeseen public health and environmental challenges. Employ a systems thinking approach, integrating various methods, technologies, and experts from diverse disciplines to develop contemporary, timely solutions.
- **Research:** Improve public health and the environment locally, nationally, and globally through interdisciplinary research and training. The School will develop, disseminate, and implement sustainable evidence-based interventions, programmes, and policies.
- **Health Promotion:** Engage, educate, inspire, and empower individuals, communities, and organisation leaders from multiple disciplines to make healthy choices contributing to global human and planetary health.



Initial Focus

Adequate solutions to complex public health problems need expertise from and engagement with several disciplines, including Medicine, Environmental Science, Engineering, Agriculture, and Urban and Infrastructure Planning and Management. Predicting trends, understanding complex risk factors, and monitoring the impact of policies and interventions requires systems thinking. Additionally, solving complex problems requires bold and creative action to motivate people, communities, and organisations to change norms to improve human and planetary health.

Consequently, the School will focus on Environmental Health and Analytical Sciences. The latter will include both traditional approaches (**Epidemiology** and **Biostatistics**) and novel approaches (**Data Science**) to design, analyse, and understand large complex datasets. The School plans to include these as complementary specialisation areas within Analytical Sciences, to understand environmental concerns and lifestyle factors that impact health.

NEW FACULTY

KRANTI VORA

Professor

PhD in Public Health, University of Maryland College Park

PROGRAMME

DOCTORAL

- PhD in Epidemiology

EVENTS

WORLD ENVIRONMENT DAY | JUNE 5, 2024

The School, in collaboration with the University Library, celebrated World Environment Day with an event featuring a movie screening and a discussion on "Food waste is the world's dumbest problem". Panellists discussed the critical need to address food waste as a key component of global sustainability efforts. They discussed how individuals can contribute to reducing food waste and adopting healthier and sustainable eating habits.



RESEARCH SEMINAR SERIES

Mohendra Roy, Korea University, South Korea. *Lens-free Imaging and AI-based low cost and Portable Telemedicine Solution for Effective Diagnosis of Anemia to Improve Public Health*. August 24, 2023.

Sandul Yasobant, University of Bonn, Germany. *One Health Operationalization in a Local Health System: Learnings from an Urban City of India, Ahmedabad*. September 13, 2023.

Ankita Shah, Indian Institute of Technology Gandhinagar. *Social Context and Under-nutrition Among Indian Children and Adolescents: Insights from Two Theory-driven Studies*. October 12, 2023.

Kranti Suresh Vora, University of Maryland College Park, USA. *Human Resources for Universal Health Coverage in Low Resource Settings: Evaluation and Strategies*. October 26, 2023.

Kala M. Mehta, Erasmus University, Netherlands. *Data Science to Increase Access: Self Help Groups and Transport Interventions*. February 21, 2024.

Siddhartha Kar, University of Cambridge, USA. *Integrative Epidemiology: Interdisciplinary Insights into Human Ageing and Disease from the Basic Science of Public Health*. March 20, 2024.

Naiya Patel, University of Louisville, USA. *Early-Stage Lung Cancer Survival and Pre-Diagnosis Exposure to Air Pollution in the United States*. March 21, 2024.

Chetkar Jha, University of Missouri, USA. *Multiple Hypothesis Testing to Estimate the Number of Communities in Sparse Stochastic Block Models*. March 26, 2024.

Abhishek Dureja, Indian Institute of Management Ahmedabad. *Demand-and Supply-Side Incentivization and Child Health Outcomes: Evidence from India*. April 16, 2024.

Subhabrata Moitra, University of Kalyani. *Social Determinants, Behavioral Factors, and Health-Related Quality of Life in Asthma*. April 18, 2024.

Shilpa Bhupathiraju, Harvard T. H. Chan Bagchi School of Public Health, USA. *Leveraging Nutritional Data Science and Epidemiology to Tackle the Epidemic of Non-communicable Diseases*. April 22, 2024.

Anil Patel, Physical Research Laboratory. *Oxidative Potential of Atmospheric Aerosols: Unveiling the Impact for Public Health Perspective*. June 13, 2024.

RESEARCH

BAGCHI SCHOOL OF PUBLIC HEALTH

JOURNAL ARTICLES

Martínez-Lozano, M., Fraticelli, F., Irizarry, J., Almodóvar-Rivera, I., Nunn, M., & Joshipura, K. J. (2023). Impact of Hurricanes Irma and Maria on Asthma, Hypertension, and Depression in a Sample of the Puerto Rico Population. *Disaster Medicine and Public Health Preparedness*, 17(e508), <https://doi.org/10.1017/dmp.2023.170>

Andriankaja, O. M., Joshipura, K. J., Levine, M. A., Ramirez-Vick, M., Rivas-Agosto, J. A., Duconge, J. S., & Graves, D. T. (2023). Hispanic Adults with Type 2 Diabetes Mellitus Using Lipid-lowering Agents have Better Periodontal Health than Non-users. *Therapeutic Advances in Chronic Disease*, 14, 1-21. <https://doi.org/10.1177/20406223231213252>

Iman, M. N., Haslam, D. E., Liang, L., Guo, K., Joshipura, K., Pérez, C. M., Clish, C., Tucker, K. L., Manson, J. E., Bhupathiraju, S. N., Fukusaki, E., Lasky-Su, J., & Putri, S. P. (2024). Multidisciplinary Approach Combining Food Metabolomics and Epidemiology Identifies Meglutol as an Important Bioactive Metabolite in Tempe, an Indonesian Fermented Food. *Food Chemistry*, 446, 138744. <https://doi.org/10.1016/j.foodchem.2024.138744>

Sawicki, C. M., Pacheco, L.S., Rivas-Tumanyan, S., Cao, Z., Haslam, D. E., Liang, L., Tucker, K. L., Joshipura, K. J., & Bhupathiraju, S. N. (2024).

Association of Gut Microbiota-Related Metabolites and Type 2 Diabetes in Two Puerto Rican Cohorts. *Nutrients*, 16, 959. <https://doi.org/10.3390/nu16070959>

Wang, Z., Haslam, D., Sawicki, C., Rivas-Tumanyan, S., Hu, F. B., Liang, L., Wong, D., Joshipura, K. J., & Bhupathiraju, S. (2024). Saliva, Plasma, and Multi-fluid Metabolomic Signatures of Periodontal Disease, Diabetes Progression, and Markers of Glycemia and Dyslipidemia among Overweight and Obese Puerto Ricans. *Journal of American Heart Association*, 1-13. <https://doi.org/10.1161/JAHA.123.033350>

Haslam, D. E., Liang, L., Guo, K., Martínez-Lozano, M., Pérez, C. M., Lee, C.-H., Morou-Bermudez, E., Clish, C., Wong, D. T. W., Manson, J. E., Hu, F. B., Stampfer, M. J., Joshipura, K. J., & Bhupathiraju, S. N. (2024). Discovery And Validation Of Plasma, Saliva, And Multi-Fluid Plasma-Saliva Metabolomic Scores Predicting Insulin Resistance And Diabetes Progression or Regression Among Puerto Rican Adults. *Diabetologia*. <https://doi.org/10.1007/s00125-024-06169-6>

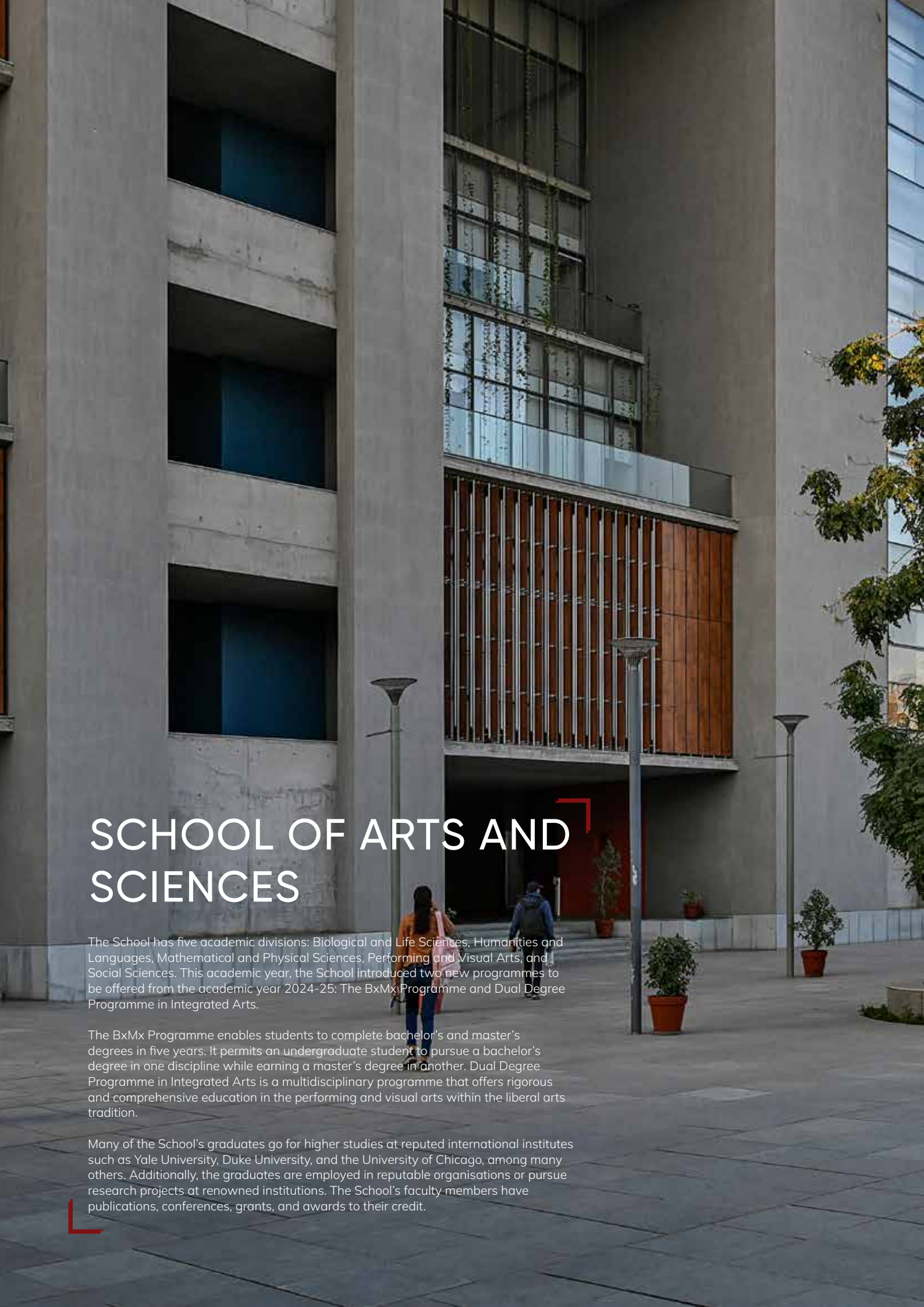
Musicaro, R. M., Valdespino-Hayden, Z., Martinez Lozano, M., Ramos, C. N., Joshipura, K. J., & Lowe, S. R. (2024). Pre-disaster Health Vulnerabilities Predict Major Depressive Disorder Symptoms Among High-Risk Puerto Rican Adults after Hurricanes Maria and Irma. *Disaster Medicine and Public Health Preparedness*. Accepted.

INVITED LECTURES

Joshipura, K. J. Pathways for Improving Global Health. Joint Annual Conference of Indian Association of Preventive and Social Medicine-Gujarat Chapter (XXX) & Indian Public Health Association Gujarat Chapter (XII), Ahmedabad, December 27-28, 2023.

Joshipura, K. J. What can we do to stay healthy? National Conference on Anaemia & Nutrition, Baroda, January 19, 2024.





SCHOOL OF ARTS AND SCIENCES

The School has five academic divisions: Biological and Life Sciences, Humanities and Languages, Mathematical and Physical Sciences, Performing and Visual Arts, and Social Sciences. This academic year, the School introduced two new programmes to be offered from the academic year 2024-25: The BxMx Programme and Dual Degree Programme in Integrated Arts.

The BxMx Programme enables students to complete bachelor's and master's degrees in five years. It permits an undergraduate student to pursue a bachelor's degree in one discipline while earning a master's degree in another. Dual Degree Programme in Integrated Arts is a multidisciplinary programme that offers rigorous and comprehensive education in the performing and visual arts within the liberal arts tradition.

Many of the School's graduates go for higher studies at reputed international institutes such as Yale University, Duke University, and the University of Chicago, among many others. Additionally, the graduates are employed in reputable organisations or pursue research projects at renowned institutions. The School's faculty members have publications, conferences, grants, and awards to their credit.

NEW FACULTY

ADITYA CHATURVEDI

Assistant Professor

PhD in Humanities, Emory University

KATHYAYINI DASH

Assistant Professor

PhD in Theatre, Centre for Theatre Dance and Performance Studies, University of Cape Town

AARZOO GUPTA

Visiting Professor

PhD in Psychology, Thapar Institute of Engineering and Technology, Patiala

RACHNA MISHRA

Assistant Professor

PhD in Psychology, University of Delhi

PALLAVI NARAYAN

Associate Professor of Practice

PhD in English, Indian Institute of Technology Delhi

PRAVAKAR PAUL

Assistant Professor

PhD in Mathematics, University of Iowa

MANJIL SAIKIA

Assistant Professor

PhD in Mathematics, University of Vienna

RUCHA SARWATE

Assistant Professor of Practice and

Counsellor

PhD in Humanities, Savitribai Phule Pune University

DEEPAN SIVARAMAN

Professor

MA in Scenography, Central Saint Martins College of Art and Design, University of the Arts, London

PROGRAMMES

UNDERGRADUATE

Bachelor of Arts (Honours)

- Major in Economics (jointly offered with Amrut Mody School of Management)
- Major in History
- Major in Philosophy, History, and Languages
- Major in Psychology
- Major in Social and Political Sciences

Bachelor of Science (Honours)

- Major in Computer Science
- Major in Mathematical and Computational Science
- Major in Physics

Integrated Master of Science

- Major in Life Sciences

Dual Degree Programme in Integrated Arts

- Major in Integrated Arts (Performing Arts/ Visual Arts)

The BxMx Programme (Dual Degree)

- BA (Economics/History/Philosophy, History and Languages/ Psychology/Social and Political Sciences) + MBA
- BS (Computer Science/Mathematical and Computational Sciences/Physics) + MS in Quantitative Finance

DOCTORAL

- Interdisciplinary PhD in Humanities and Social Sciences
- PhD in Life Sciences
- PhD in Mathematical and Computational Science
- PhD in Physics

FACULTY ACHIEVEMENTS



SAMYADAY CHOUDHURY
Assistant Professor

Accepted as a Life Member of the Astronomical Society of India in November 2023.



KAUSHIK JANA
Assistant Professor

- Selected as a Scientific Committee Member of the annual conference of the International Indian Statistical Association 2024.
- Member of the Early Career Advisory Board (2021–24) of the *Journal of Multivariate Analysis*.



DARSHINI MAHADEVIA
Professor

- Selected as an Editorial Board Member of *Environment and Urbanization, Asia*.
- Selected as an Editorial Board Member of the *Singapore Journal of Tropical Geography*.
- Selected as an Editorial Board Member of the *International Development Planning Review*, a Journal of the University of Liverpool.



ESHITA MAZUMDAR
Assistant Professor

Received the Chairman's Award for Research Excellence



SHOMEN MUKHERJEE
Associate Professor

Received the Research Opportunities in Space and Earth Science Grant from NASA to assess the influences of urban land cover and microclimate on biodiversity and human heat exposure.



RAJESH NAIDU
Assistant Professor

Set up an exhibition titled 'In-Between' in March 2024 at the Kanoria Centre for Arts. It comprised 60 paintings and drawings created using oil, acrylic, watercolour, gouache, graphite, pastels, and charcoal.


SHILPA PANDIT
Assistant Professor

Received the Fulbright Nehru Academic and Professional Excellence Award for 2024-25 to conduct theoretical and empirical research in Indian music, neuroscience, and psychology of wellbeing.


BHUVAN PATHAK
Assistant Professor

Selected as an Editorial Board Member of Transgenic Research in July 2023.


SUBHASH RAJPUROHIT
Associate Professor

- Selected as an Editorial Board Member of Scientific Data IF 10.8 Nature Publications.
- Selected as an Academic Editorial Board Member of the Public Library of Science (PLOS) Climate.
- Invited to edit the journal's Global Change Biology 2025 section, "Current Opinion in Insect Science."


MANJIL SAIKIA
Assistant Professor

Selected as a member of the Indian National Young Academy of Science (INIAS), a sister organisation of INSA.


SHISHIR SAXENA
Assistant Professor

- Appointed Assistant Editor of the Editorial Board of the Journal of Indian Philosophy (Springer).
- Received the Chairman's Award for Experiments to Advance Active Learning.


RITESH SHUKLA
Associate Professor

- Received the Forensic Excellence Award at the 4th International Forensic Science Conference 2023, jointly organised by Sherlock Institute of Forensic Science, India, and Clue 4 Evidence in New Delhi.
- Inducted as a Member of the Board of Studies (BOS) Forensic Science at the Institute of Advanced Research The University for Innovation Gandhinagar, Gujarat, May 2024.
- Received Patent for developing "Nano Based lateral flow Immunoassay Kit for evaluation of glycophorin-A in blood."
- Selected as a Member of the Board of Studies (BOS) Forensic Science at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.



CHARU SINGH

Assistant Professor

Selected as an Editorial Board Member of the "Pratiman: Samay, Samaj, Sanskriti," published by the Indian Languages Programme at the Centre for the Study of Developing Societies.



ADITYA VAISHYA

Assistant Professor

- Appointed Member of the Scientific Organising Committee of the URSI Regional Conference on Radio Science (URSI – RCRS 2024).
- Appointed Member of the Steering Committee of WeATher and Climate Hackathon (WATCH) organised by the US Consulates in Hyderabad and Mumbai.
- Appointed Review Editor on the Editorial Board of Frontiers in Environmental Engineering – Air Pollution Management.

EVENTS

DHUN: CELEBRATING KUMAR GANDHARVA | SEPTEMBER 1, 2023 - APRIL 5, 2024

The Performing and Visual Arts division of the School offered a tribute to Pandit Kumar Gandharva to mark his centenary birth year with a year-long series of events. The events featured artists and scholars from dance, music, architecture, painting, and film offering varied perspectives on his music to benefit students and the larger musical and artistic community. Notable performers included Guru Parvati Dutta, Dr Keshavchaitanya Kunte, Bindhumalini, Pandit Satyasheel Deshpande, Professor Lakshmi Sreeram, Professor Rajesh Naidu, Brajeshwar Mukherjee, Pritam Nakil, Professor Aditi Deo, and Professor Neelkanth Chhaya.





CHIASMA 2024

The 7th edition of Chiasma, a student-led science fest organised by the Biological and Life Sciences division of the School of Arts and Sciences, enriched participants with life sciences knowledge and its interdisciplinary applications. The fest included instructive workshops, informative talks, and stimulating competitions to ignite curiosity, transform participants into critical thinkers, and nurture problem-solving minds.

JAPANESE FILM FESTIVAL | OCTOBER 14-15, 2023

Keita Omi, Assistant Professor, hosted the Japanese Film Festival at Ahmedabad University in collaboration with the Consulate General of Japan in Mumbai and the Japan Foundation in New Delhi. The festival provided a platform for attendees to engage in discussions on the films, deepening their understanding of Japanese culture and perspectives.

KAHAT KABIR: SONGS OF KABIR AND OTHER SAINT POETS BY VIPUL RIKHI

The audience enjoyed a captivating, soulful performance, "Kahat Kabir" concert, by Vipul Rikhi, a writer, singer, poet, storyteller, and translator. Known for his immersion in the oral traditions of Kabir and other mystic poets, Rikhi brought Kabir's timeless poetry to life.

CONFOCAL MICROSCOPY AND FLOW CYTOMETRY TRAINING PROGRAMME

Ahmedabad University hosted a three-day training programme on "Confocal Microscopy and Flow Cytometry" at the School of Arts and Sciences, enhancing their knowledge in the rapidly evolving field of life sciences. It covered essential topics such as the basics of confocal microscopy, image analysis, multicolour flow cytometry, and the study of cell cycle and apoptosis.

PANEL DISCUSSION: STUDYING ABROAD: A PIECE OF HEAVEN OR A ROLLERCOASTER RIDE?

The School conducted a panel discussion on 'Studying Abroad,' featuring Professor Fredy Altpeter from the University of Florida, Gainesville, USA, and the Rasila and Chandra Kant Kadia Endowed Visiting Professor at Ahmedabad University, along with professors from the School's Biological and Life Sciences division. The discussion highlighted each professor's experience as a student in different countries. It provided insights into the structure of the application process, selection criteria, cultural challenges, resources available for international students, and the expectations of international colleges regarding applications and research quality.



ARTS AND SCIENCES LECTURE SERIES

Eswar Reddy, Professor, Indian Institute of Astrophysics, Bengaluru. *Where does Lithium come from? Its Evolution in Stars*. July 21, 2023.

Fredy Altpeter, Professor, University of Florida, USA. *Growth comes from Risk: Accelerating Crop Improvement with Novel Breeding Technologies*. August 16, 2023.

Fredy Altpeter, Professor, University of Florida, USA. *Fueling the Bioeconomy and Combatting Climate Change: Metabolic Engineering and Gene Editing of Bioenergy and Forage Grasses*. August 17, 2023.

Karthikeyan Vasudevan, Chief Scientist, Laboratory for the Conservation of Endangered Species (LaCONES), and CSIR-Centre for Cellular and Molecular Biology. *Snakebite Problem in India and its Solutions*. August 29, 2023.

Riho Isaka, Professor, University of Tokyo, Japan. *Narrating Japan in Colonial Gujarat: The Circulation of Knowledge in Modern Asia*. September 6, 2023.

Suruchi Thapar-Björkert, Docent and Associate Professor, University of Uppsala, Sweden. *Gender and Empowerment: The 'Right to Work' in Employment-Guarantee Schemes*. September 13, 2023.

Anil Bhardwaj, Director, Physical Research Laboratory, Ahmedabad. *Planetary Missions of India*. October 18, 2023.

John E Cort, Emeritus Professor, Denison University, USA. *Jain Book History: Nineteenth Century Arguments over Whether or Not to Print the Sacred Scriptures*. November 22, 2023.

Ganesh Devy, Thinker, Cultural Activist. *India as a Linguistic Civilisation: Language Diversity and the Making of India*. November 29, 2023.

Awam Amkpa, Dean, Arts and Humanities and Vice Provost, Arts, New York University, Abu Dhabi. *Global Crossroads and the Challenges to a Liberal Education in the Humanities*. January 10, 2024.

Maya Jasanoff, Coolidge Professor of History, Harvard University and Tansen Sen, Director, Center for Global Asia, Professor of History, NYU Shanghai. *Histories and Possible Futures of South/Asia in the World?* January 16, 2024.

Jonardon Ganeri, Bimal K Matilal Distinguished Professor of Philosophy, University of Toronto. *What is an Inquiry into the Truth? New Ideas from Jaina Philosophy*. February 9, 2024.

Frederick Coolidge, Professor, University of Colorado, USA. *The Neurological Foundation for Peace and Ahimsa*. February 14, 2024.

Chethan Krishnan, Associate Professor, Indian Institute of Science, Bangalore. *A Smooth Horizon without a Smooth Horizon*. March 13, 2024.

Ward Berenschot, Professor, Comparative Political Anthropology, University of Amsterdam and Senior Researcher, Royal Netherlands Institute of Southeast Asian and Caribbean Studies (KITLV) Leiden. *How Clientelism Varies: Informal Politics in India and Indonesia*. March 20, 2024.

Mou Banerjee, Assistant Professor of History, University of Wisconsin–Madison, USA. *The Love Tub of Duff: Christianity, Conversion and the Law in Colonial Calcutta, 1830–1865*. March 27, 2024.

Manash Firaq Bhattacharjee, Writer and Political Theorist. *Nehru and the Ethics of Contradiction*. April 3, 2024.

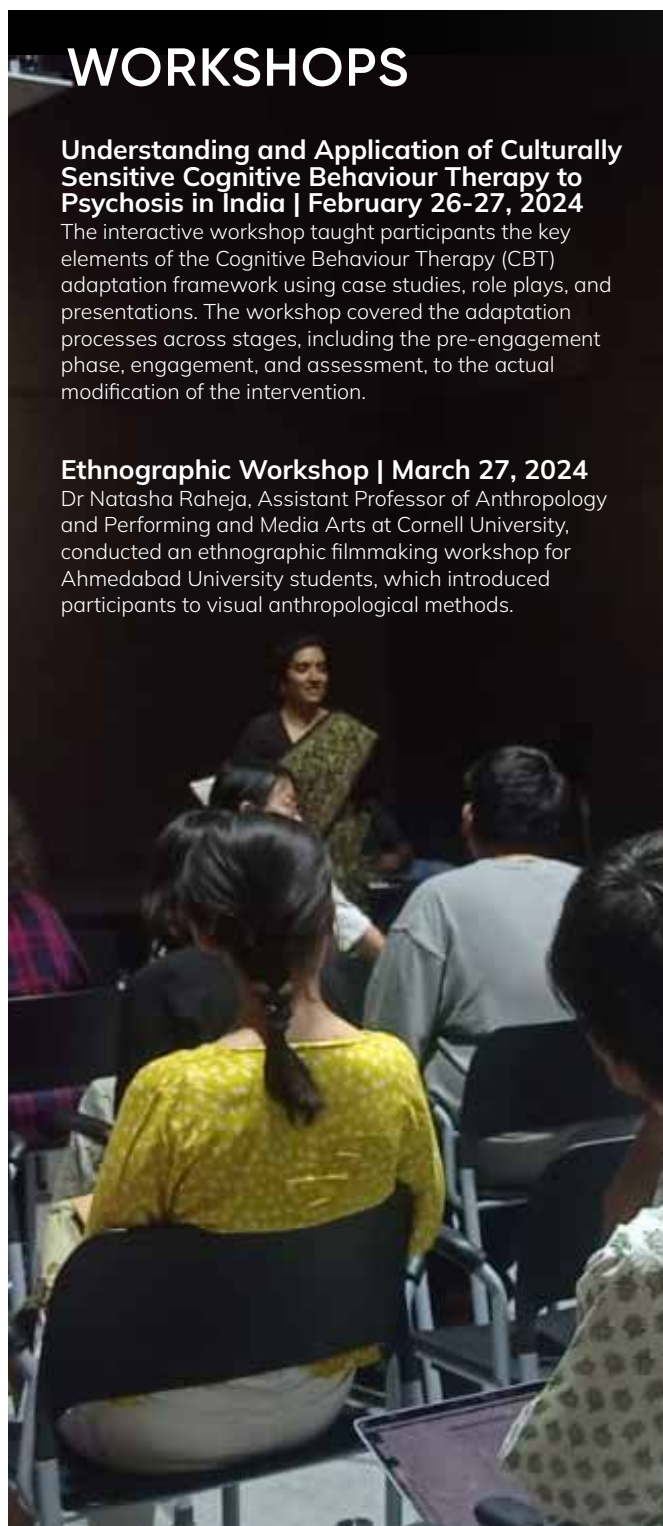
WORKSHOPS

Understanding and Application of Culturally Sensitive Cognitive Behaviour Therapy to Psychosis in India | February 26–27, 2024

The interactive workshop taught participants the key elements of the Cognitive Behaviour Therapy (CBT) adaptation framework using case studies, role plays, and presentations. The workshop covered the adaptation processes across stages, including the pre-engagement phase, engagement, and assessment, to the actual modification of the intervention.

Ethnographic Workshop | March 27, 2024

Dr Natasha Raheja, Assistant Professor of Anthropology and Performing and Media Arts at Cornell University, conducted an ethnographic filmmaking workshop for Ahmedabad University students, which introduced participants to visual anthropological methods.



CONFERENCE

8th Meeting of the International Society of Wildlife Endocrinology, 2023 | November 6-10, 2023

Ahmedabad University hosted the conference jointly with the Centre for Cellular and Molecular Biology, Hyderabad, and Wildlife Institute of India, Dehradun. The meeting focused on several aspects of monitoring the health of wildlife species, particularly by using several endocrine markers.



STUDENT ACHIEVEMENTS



TATHAGATA BHOWMIK

Doctoral Student, Life Sciences

- Received Morris Animal Foundation Conference Registration Award for Emerging Nation Members to attend the 8th Conference of the International Society of Wildlife Endocrinology, Jim Corbett National Park, India.
- Received a research grant from IUCN CSG under the Student Research Assistance Scheme (SRAS) for the project "Developing Photogrammetry Model as a Tool to Monitor Body Conditions in Freshwater Mugger Crocodiles."



BRINKY DESAI

Doctoral Student, Life Sciences

- Received Morris Animal Foundation Emerging Nations Member travel award to attend the 8th Conference of the International Society of Wildlife Endocrinology, Jim Corbett National Park, India.
- Received two conference grants from Future Earth and the International Union for Conservation of Nature (IUCN) Crocodiles Specialist Group (CSG) to attend the 27th working meeting of the IUCN SSC Crocodile Specialist Group, Northern Territory, Australia



CHENA DESAI

Doctoral Student, Life Sciences

Received a conference grant from the International Society for Behavioral Ecology Congress (ISBE) to attend their conference in Victoria, Australia.



ARSLAN JAFRI

Doctoral Student, Interdisciplinary Humanities and Social Sciences

Received a travel award to attend the 21st South Asia Graduate Student Conference at the University of Chicago, USA.



ABDULKHALIK MANSURI

Doctoral Student, Life Sciences

- Awarded an Erasmus+PhD internship, a fully sponsored, five-month-long research internship at the University of Valladolid, Spain.
- Received travel award to attend the 22nd International Congress of the European Society of Toxicology In Vitro (ESTIV 2024).
- Received Society of Environmental Toxicology and Chemistry (SETAC) Europe Meeting Grant for Students outside SETAC Europe.
- Received Rasila Kadia Excellence in Research Award for outstanding contribution to research, and presentation at the 2024 SETAC Asia Pacific Conference, held in Tianjin, China, September 21-25, 2024.



ANKIT NAIK

Doctoral Student, Life Sciences

- Awarded international travel support from SERB, Government of India, the European Molecular Biology Organization (EMBO), and Rasila Kadia Research Excellence award to attend and present a poster at the CELL BIO-23, an international conference organised by the American Society for Cell Biology and EMBO, in Boston, MA.
- Winner of Organ-on-Chip Challenge at the Organ-on-Chip masterclass in the 3D Cell Culture Workshop and Conference organised by Azar Innovations.
- Elected a Full Member of Sigma Xi, the Scientific Research Honor Society.
- Elected Member of the Royal Society of Biology (RSB).
- Awarded travel grant from the European Association for Cancer Research to attend and present a poster at the European Association for Cancer Research (EACR)-2024 Annual Congress in Rotterdam, Netherlands.



ABHISHEK NAIR

Doctoral Candidate, Life Sciences

Received a travel grant for the Biology Across Scales 2024 Symposium at the Institute of Gulbenkian de Ciencia (IGC), Portugal.



ADITI PATEL

Doctoral Student, Life Sciences

- Received the Global Scholar-in-Training Award from the American Association for Cancer Research for her work on the prognosis of oral cancer.
- Received Rasila Kadia Excellence in Research Award for outstanding contribution to research, culminating in presentation of a paper at the Annual Meeting of the International Society of Extracellular Vesicles in Melbourne, Australia.



LIYA PHILLIP

Integrated Master of Science

Selected for a month-long internship by the Gujarat State Biotechnology Mission (GSBTM). Finished training at the National Centre for Cellular Sciences, Pune.



FREYA SHAH

Bachelor of Science (Honours), Computer Science

Received the Summer Undergraduate Research Fellowship (SURF) Award at the California Institute of Technology (Caltech) for the summer of 2024 for working on a Quantum Machine Learning project with Professor Anima Anandkumar, Bren Professor of Computing at Caltech.



GEHENA SHAH

Bachelor of Science (Honours), Physics

Attended Radio Astronomy Winter School organised by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune.



MANA SHAH

Integrated Master of Science

- Secured first place in the Swami Vivekanand Elocution competition (January 2024).
- Secured second place in the Times of India's Public Speaking Contest regional round
- Secured second place at the S.R. Bhandari - AMA Speakers' Contest.

**POORAV SHELAT***Integrated Master of Science*

Received the Startup Srujan grant from i-hub Gujarat, backed by the Ministry of Education, and recognition from the Chhattisgarh government for his startup Adopt a Queen. The business now caters to markets in the USA.

**PRAVIT SHETTY***Bachelor of Science (Honours), Physics*

Selected for National Initiative on Undergraduate Science (NIUS) - Physics and Astronomy Programme by Homi Bhabha Centre for Science Education (HBCSE), Tata Institute of Fundamental Research.

**ROHITH SRINIVASAN***Integrated Master of Science*

Received the Animal Behaviour Society's Turner Award to attend their annual conference in Canada and won the Outstanding Undergraduate Poster award.

**KAMAYANI VAJPAYEE***Doctoral Student, Life Sciences*

- Received Rasila Kadia Excellence in Research Award to attend conference presentation at the 23rd Triennial Meeting of the International Association of Forensic Sciences (IAFS), Sydney, Australia.
- Received Council of Scientific and Industrial Research- Senior Research Fellowship (CSIR-SRF) Direct in February 2024.

FIELD VISITS

INSTITUTE FOR PLASMA RESEARCH (GANDHINAGAR) | OCTOBER 11, 2023

BS Physics students visited the Institute for Plasma Research (Gandhinagar) with Professor Samyaday Choudhury and Professor Aditya Vaishya for an expert talk on plasma. The visit included a demonstration of lab experiments related to plasma, a visit to the SST Tokamak, and interaction with experts related to the SST Tokamak facility.

LALBHAI DALPATBHAI MUSEUM FEBRUARY 1, 2024 AND KASTURBHAI LALBHAI MUSEUM MARCH 2, 2024

Professor Ranu Roychoudhuri organised visits to the Lalbhai Dalpatbhai Museum and the Kasturbhai Lalbhai Museum for students enrolled in the course "Archives of Artistic Practices in Modern South Asia." The visits were part of her pedagogical approach to object-based teaching and experiential learning.



RESEARCH SEMINAR SERIES

Mahesh Bhat, Srishti Manipal Institute of Art, Design and Technology. *Ways of Seeing*. July 28, 2023.

Angsuman Das, Presidency University. *Graphs defined on Groups*. August 2, 2023.

Rakesh Sengupta, Center for Creative Cognition, SR University. *Recalling a Single Object: Going Beyond the Capacity Debate*. September 20, 2023.

Niranjan Balachandran, Indian Institute of Technology Bombay. *List Colorings for Graphs on the Torus and Other Surfaces*. September 21, 2023.

Gregory D Booth, University of Auckland, New Zealand. *Unintended Consequences – Music, Culture, Hegemonies and Identity in 20th and 21st Century India*. September 22, 2023.

Florian Schreier-Aigner, University of Vienna, Austria. *Fully Complementary Higher Dimensional Partitions*. September 27, 2023.

Neelanjan Sircar, Columbia University, USA. *Ordered Chaos: The Roots of Political Centralisation in India*. October 3, 2023.

Seiko Okayama, School of Oriental and African Studies (SOAS), University of London, UK. *In the Shadow of Polarisation: 'Subaltern' Candidates and Intra-Party Politics of the Indian National Congress in the 1980s*. October 4, 2023.

Ramesh Kasilingam, Indian Institute of Technology Madras. *Towards the Poincaré Conjecture*. October 11, 2023.

Sarah Melsens, FLAME University. *Brokers of Modernity? Architect-Entrepreneurs Building Pune, 1930-1992*. October 12, 2023.

Ajay Akhade, National Institute of Immunology. *Reverse Induction: Activation of a Host Innate Sensor Dictates Expression of its Bacterial Stimulus*. October 13, 2023.

Urmi Nanda Biswas, Ahmedabad University. *Navigating Uncharted Trajectories: Indian Women Immigrants in Canada*. October 18, 2023.

Andre Ganswindt, University of Pretoria, South Africa. *Winning with Poo – Non-Invasive Endocrine Monitoring as a Tool for Wildlife Conservation and Animal Welfare*. October 30, 2023.

Andrew Engilis, University of California, USA. *Exploring Biodiversity in Sulawesi, Indonesia*. October 31, 2023.

Prajamitra Bhuyan, Indian Institute of Management Calcutta. *Estimation of Population Size with Heterogeneous Catchability and Behavioural Dependence: Applications to Air and Water Borne Disease Surveillance*. November 1, 2023.

Neha Aggarwal, Krea University, India. *Embodiment and Disorientation: A Phenomenological Analysis of Work from Home during COVID-19*. November 6, 2023.

Alastair McClure, University of Hong Kong, Hong Kong. *Gandhi, Tilak, and the Problem of Imperial Mercy*. November 7, 2023.

Pramod Eyyunni, Birla Institute of Technology and Science. *A New Generalisation of the Minimal Excludant Arising from an Analogue of Franklin's Identity*. November 8, 2023.

Aarzo Gupta, Government Medical College and Hospital. *A Comparative Study of Cognitive Behavior Therapy and Cognitive Retraining Treatment in Depressive Disorders*. November 20, 2023.

Hari Sai Ganesh, Indian Institute of Technology Gandhinagar. *Mathematical Modeling and Optimisation of Industrial and Building Systems*. November 22, 2023.

Kathyayini Dash, University of Cape Town, South Africa. *Exploring the Possibilities of the Inter-discipline: Theatre, Field, Academia*. November 30, 2023.

Justin Smolin, University of Chicago Divinity School, USA. *Beyond "Political Theology": Political Incarnationalism and the Premodern South Asian Political*. December 22, 2023.

Akeel Bilgrami, Columbia University, USA. *Does the Concept of Truth Apply only to the Propositions of Science?* January 4, 2024.

Prasanna Venkatesh, Indian Institute of Technology Gandhinagar. *An Invitation to Ultracold Gases in Cavity via Bloch Oscillations*. January 10, 2024.

Deepan Sivaraman, Dr B R Ambedkar University. *Theatre of Hybrid: Bridging Cultures, Aesthetics and Disciplines*. January 12, 2024.

Himel Mallick, Cornell University, USA. *Multimodal Integration in the Age of Million Cells and Billion Parameters*. January 17, 2024.

Shishir Saxena, Ahmedabad University. *Enraged, But Only Out of Love: Sītā's Disagreement With Rāma In The Ayodhyākāṇḍa of The Vālmiki-Rāmāyaṇa*. January 17, 2024.

Kasturi Chatterjee, FLAME University. *Anti-war Feminist Solidarities: Exploring the Russian FAS Collective's Support for Ukraine*. January 24, 2024.

Pinaki Majumdar, Harish Chandra Research Institute. *Correlated Quantum Systems out of Equilibrium*. January 24, 2024.

Mai Oki, Kyoto University, Japan. *The Usage of the Word Viśvarūpa- in an Iconographic Context especially from the Perspective of Vaiṣṇava Worship*. January 29, 2024.

Arup Lal Chakraborty, Indian Institute of Technology Gandhinagar. *Laser-based Sensors for Trace Gas Monitoring – Why and How*. January 31, 2024.

Jonardon Ganeri, University of Toronto. *What is Nyāya Realism? Revisiting B. K. Matilal's Perception 40 Years On*. January 31, 2024.

Nayandeep Deka Baruah, Tezpur University. *Srinivasa Ramanujan and a Glimpse of his Mathematics*. February 7, 2024.

Jonardon Ganeri, University of Toronto. *Two Arguments for Nyaya Realism*. February 7, 2024.

Sabah Siddiqui, Krea University. *The Ghost as Method: An Epistemological Framework for Empirical Psychology*. February 7, 2024.

Arpan Mukherjee, Kala Bhavan, Visva Bharati. *Historical Processes and the Craft of Photography*. February 12, 2024

Jonardon Ganeri, University of Toronto. *On the Concept of Illusion*. February 14, 2024.

Jonardon Ganeri, University of Toronto. *Experience of Absence as a Present Fact: K C Bhattacharyya's The Subject As Freedom*. February 21, 2024.

David Claman, Princeton University, USA. *Orientations: Western Composers and Indian Music*. February 28, 2024.

Sarthak Bagchi, Ahmedabad University. *Making Sense of the Caste Survey in Bihar*. February 28, 2024.

Hemant Mishra, Cornell University, USA. *Equality in some Symplectic Eigenvalue Inequalities*. March 1, 2024.

Tapati Guha-Thakurta, Centre for Studies in Social Sciences Calcutta. *Monuments on the Move: Colonial and Postcolonial Journeys across Britain and India*. March 5, 2024.

Girish Aras, Statistical Consultant. *Modern Drug Development and a Brief History of Drug Regulation in the USA*. March 6, 2024.

Joel Lee, Williams College, USA. *The Implied Rajput: Caste and Disguise in the U.P. Police*. March 6, 2024.

Sayako Kanda, Keio University, Japan. *Greek Merchants and the East India Company in the Bengal Frontier, c.1770-1830*. March 6, 2024.

Eshita Mazumdar, Ahmedabad University. *Varieties of Zero-Sum Invariants and Their Behaviours*. March 13, 2024.

Rahul Verma, Centre for Policy Research, Delhi. *Changing Party Systems of India: Rise and Decline of the Congress Party*. March 13, 2024.

Sarnath Banerjee, Indian Graphics Novelist, Artist, Filmmaker and Co-Founder, Phantomville. *Comics, Politics, and the Enchanted Everyday*. March 14, 2024.

Alicia Hidalgo, University of Birmingham, UK. *Brain Plasticity, Degeneration and Regeneration in Drosophila*. March 28, 2024.

Anindya Chanda, Tata Institute of Fundamental Research. *Quasigeodesic Anosov Flows in Dimension Three*. March 20, 2024.

Atul Bhalla, Shiv Nadar Institute of Eminence. *Auscultation: False Clouds and Real Deluges*. March 20, 2024.

Mohit Randeria, Ohio State University, USA. *Are There Bounds on the Superconducting Transition Temperature?* March 21, 2024.

Punit Gandhi, Virginia Commonwealth University, USA. *Conceptual Modelling of Dryland Vegetation Patterns across Timescales*. March 27, 2024.

Manisha Priyam, National Institute of Educational Planning and Administration. *Enterprise Culture in the Galli: Youth, Coaching Classes, and Higher Education in Patna*. March 27, 2024.

Chandrabhas Choudhury, Novelist, Travel Writer. *The Value(s) of a Literary Education: Beauty, Truth, Language, Freedom, and Democracy*. March 28, 2024.

Khushdeep Malhotra, Temple University, USA. *Precarious Citizens, Excepted State: Sikh Rootedness in Kashmir After the Chittisinghpura Massacre*. April 2, 2024.

Vishal Joshi, Physical Research Laboratory. *A flavour of Astrophysical Research*. April 3, 2024.

Natasha Raheja, Cornell University, USA. *Beyond the National Frame: Scenes from the Indo-Pak Border*. April 3, 2024.

Zachary Joachim, Denison University, USA. *Mòzǐ's Moral Cosmos*. April 9, 2024.

Sudhir Ranjan Jain, Centre for Excellence in Basic Sciences. *Tilings, Tessellations, and Quantum Codes*. April 10, 2024.

Margaret Olin, Yale University, USA. *The Bitter Landscapes of Palestine*. April 12, 2024.

Suchismita Das, Ahmedabad University. *Routinisation of Environmental Disasters: How "JCBs" Mediate the Perception of Landslides in the Eastern Himalayas*. April 17, 2024.

Jayanta Dutta, Harish-Chandra Research Institute. *Formation and Evolution of the very First Stars (Primordial Stars) in the Universe*. April 24, 2024.

Samraat Pawar, Imperial College, UK. *Predicting the Climate Change Adaptability of Terrestrial Ectotherms*. April 26, 2024.

Rachna Mishra, Flame University. *Exploring Resilience in the Context of Child-care Institutions*. May 2, 2024.

Yogesh Chandola, Purple Mountain Observatory, China. *Cold Neutral Atomic Hydrogen in Radio AGN Hosts and Blue Compact Dwarf Galaxies*. May 6, 2024.



INTERSECTIONS

The School holds Intersections, a seminar series, to encourage interdisciplinary learning, generate useful knowledge, and approach real-life problems through multiple disciplinary perspectives.

Professors from different academic disciplines address a common topic, facilitating dialogue, which may lead to future collaboration in teaching and research and serve as one of the platforms to embark on interdisciplinary ideas.

Amit A. Nanavati and Keita Omi. *US Presidential Policy Decision Directives (PPDDs), 1961-2022.* November 1, 2023.

RESEARCH | SCHOOL OF ARTS AND SCIENCES

STUDENT PRESENTATIONS

Bhowmik, T., Desai, B., & Ghosal R. (2023). Understanding Context and Endocrine Correlates of Aggressive Behaviour in Female Mugger Crocodiles during Reproductive and Non-Reproductive Phases. *8th Conference of the International Society of Wildlife Endocrinology*, Corbett, India, November 6-10.

Chaudhari, R. (2024). Next-Generation Therapeutic Strategy for Her2-Positive Breast Cancer: Dual Payload Delivery Via Trastuzumab-Functionalized Liposomes for Mirna Inhibition and Chemotherapy. *Nature Conference "Nanomaterials in Biomedical Applications*, Manipal Academy for Higher Education, Manipal, India, February 26-27.

Desai, B., Bhowmik, T., Srinivasan, R., Whitaker, N., & Ghosal, R. (2023). Non-invasive Monitoring of Stress-Indicating Hormone in Mugger Crocodiles (*Crocodylus palustris*) across Diverse Habitats. *8th Conference of the International Society of Wildlife Endocrinology*, Jim Corbett National Park, India, November 6-10.

Desai, B., Bhowmik, T., Srinivasan, R., Whitaker, N., & Ghosal, R. (2024). Monitoring Stress Physiology of Free-Ranging Mugger Crocodiles (*Crocodylus Palustris*) across Diverse Habitats Within Central Gujarat, India. *27th Working Meeting of the IUCN SSC Crocodile Specialist Group*, The DoubleTree Hilton Darwin, Australia, April 14-20.

Desai, C., & Ghosal, R. (2024). Sexually Immature Green Chromides Exhibit Choice-Based Decision-Making in the Context of Social Preferences. *International Society for Behavioral Ecology Congress*, Victoria, Australia, September 29-October 4.

Garg, A., & Rajpurohit, S. (2024). Evolution of Wing-spot and Wing Interference Patterns (WIPs) in *Drosophila*. *Insects Cuticles in a Warming World*, University of Exeter, UK. June 6, 2024.

Jafri, A. (2024). Navigating Nisbat: Articulations of Belonging in Shia Muslim Literary Texts. *21st South Asia Graduate Student Conference*, Chicago, USA, March 7-8.

Mallick, S., & Ghosal, R. (2024). Understanding Feeding Competition Under Laboratory Conditions: Rohu (*Labeo Rohita*) Versus Amazon Sailfin Catfish (*Pterygoplichthys Spp.*) *International Society for Behavioral Ecology Congress*, Victoria, Australia, September 29-October 4.

Mansuri, A. (2023). Effects of Phthalate-Containing Microplastics on Zebrafish: Insights into Mortality and Malformations, and Remediation Strategies Using Humic Acid and Clay. *42nd Annual Conference of Society of Toxicology- India (STOX 2023)*, University of Calicut, India, November 23-25.

Mansuri, A. (2023). Zebrafish Microinjection Techniques. *Four-Day Workshop on Zebrafish Developmental Biology and Advanced Molecular Techniques*, Satyabhama University, India, August 22-25.

Mansuri, A. (2024). Comprehensive Analysis of Phthalates Microplastics Effects on Developing Zebrafish: Genomic, Organ Development, and BMP Pathway Insights. *SETAC Europe 34th Annual Meeting*, Seville, Spain, May 5-9.

Mansuri, A. (2024). New Insight into Long-Term Effects of Phthalates Microplastics In Developing Zebrafish: Evidence From Genomic Alteration

and Organ Development. *Jornada de Doctorandos en Quimica (II PhD DayUva)* Facultad de Ciencias, Universidad de Valladolid, Valladolid, Spain, March 15.

Mayekar, H., & Rajpurohit, R. (2024). Adaptive Tracking in Insects, Studies from Tropical Altitudinal *Drosophila Melanogaster* Populations. *Insects Cuticles in a Warming World*, University of Exeter, UK, June 6.

Mayekar, H., & Rajpurohit, R. (2023). Genetic Basis of Cuticular Hydrocarbon Plasticity in a Tropical High Altitudinal Population of *Drosophila Melanogaster*. *XX111 International Congress of Genetics: Genetics and Genomes, Linking Life and Society*, Melbourne, Australia, July 16-21.

Nair, A., & Rajpurohit, S. (2024). Altitudinal Variation in Cuticular Hydrocarbons in *Drosophila Melanogaster*: Theoretical and Empirical Approaches to Understand Polygenic Adaptation. *International Centre for Theoretical Sciences of the Tata Institute of Fundamental Research (ICTS-TIFR)*, Bengaluru, India, May 6-17.

Nair, A., & Rajpurohit, S. (2024). Interplay Between Hydrocarbon Chemistry and Environmental Variables, *Drosophila*. *Insects Cuticles in a Warming World*, University of Exeter, UK, June 6.

Vajpayee, K., Dash, H. R., Shukla, R. K. (2023). A Novel Method For Blood Detection Using Fluorescent Dye. *23rd Triennial Meeting of the International Association of Forensic Sciences (IAFS)*, Sydney, Australia, November 20-24.

Vajpayee, K., Dash, H. R., Shukla, R. K. (2023). Indian Perspective of Implications of Inconclusive DNA Reports of Biological Samples on the Final Outcome of the Trial. *23rd Triennial Meeting of the International Association of Forensic*

Sciences (IAFS), Sydney, Australia, November 20-24.

BOOK

Mahadevia, D., & Sharma, R. (2023). *Urban Planning and Its Discontents - Practice in Contemporary India*. London: Routledge.

BOOK CHAPTERS

Amir, S. (2024). Temporary Sisterhoods: Thinking Ethics through Postnatal Care among South-Asian Muslims. In K. B. Garner, & A. O. Reilly (Eds.), *Care(Ful) Relationships between Mothers and the Caregivers They Hire* (329-350), Ontario: Demeter Press.

Chacko, M. (2024). Mediated Childhoods: Newspapers and the Modern Malayali Child. In A. Dar, & D. Kannan (Eds.), *Childhood and Youth in India: Engagements with Modernity* (77-99), Switzerland: Palgrave Macmillan.

Dash, K. (2024). The Body-in-music: Musical Entrances into Historiography. In S. Damodaran (Ed.), *Afro-Asian Musical Imaginaries: Interconnected Histories Across Continents* (35-46), Delhi: Tulika Books.

Harshey, A., Das, T., Mishra, V., Shukla, R., & Srivastava, A. (2023). Essential of Forensic Physics. In P. Shrivastava, J. Antonio Lorente, A. Srivastava, A. Badiye, & N. Kapoor (Eds.), *Textbook of Forensic Science* (377-423), Singapore: Springer Nature.

Jha, M. (2024). Chapitre VII : L'économie des objets d'art dans l'empire moghol. In C. Lefevre, & C. Jean-Baptiste, *Les Arts Moghols* (), Paris: Citadelles & Mazenod.

Kapoor, N., Badiye, A., Moon, P., & Shukla, R. (2023). Forensic Toxicology: An Overview. In J. P. Shrivastava, A. Lorente, A. Srivastava, A. Badiye, & N. Kapoor (Eds.), *Textbook of Forensic Science* (707-750), Singapore: Springer Nature.

Kumar, A. (2024). On Andrea Kern's "The Knowledge View of Perception". In M. Vuletic, & Ori, B. (Eds.), *Empirical Reason and Sensory Experience* (131-133), New York: Springer Nature.

Pandit, S. (2024). Bridging the Self-Other Divide: Rasa, Self-Transformation, and Well-Being in Indian Psychology. In G. Misra, & I. Misra, (Eds.), *Emotions in*

Cultural Context (57-83), Switzerland: Springer.

Roy, D., & Biswas, U. (2023). They Need to Know and Learn – Gamified Social Communication Framework for Adolescent Reproductive Health and Well Being. In J. Abdelnour Nocera, M. Kristín Lárusdóttir, H. Petrie, A. Piccinno, & M. Winckler (Eds.), *Human-Computer Interaction – INTERACT 2023* (563-568), Switzerland: Springer Cham.

JOURNAL ARTICLES

Adalgisa Caccone, L., & Mukherjee, S. (2024). A Genotyping Array for the Globally Invasive Vector Mosquito, *Aedes Albopictus*. *Journal of Parasites & Vectors*, 17(106), 26. <https://doi.org/10.1186/s13071-024-06158-z>

Agrawal, K., Pathak, M., Jana, K., Unni, J., & Priyadarshi S. (2023). Just Transition Away from Coal: Vulnerability Analysis of Coal Districts in India. *Journal of Energy Research & Social Science*, 108(2), 103-135.

Barve, K., & Kumar, A. (2023). Red Fluorescent Carbon Nanoparticles Derived from *Spinacia Oleracea* L.: A Versatile Tool For Bioimaging And Biomedical Applications. *Journal of Materials Advances*, 4(23), 6277-6285. <https://doi.org/10.1039/D3MA00273J>

Bhuyan, P., Jana, K., & McCoy, E. (2023). Causal Analysis at Extreme Tails with Application to London Traffic Flow Data. *Journal of the Royal Statistical Society- Series C: Applied Statistics*, 72(5), 1-23. <https://doi.org/10.1093/jrsssc/qlad080>

Biswas, U., Leach, B., Jijina, P., & Niraula, A. (2023). Lived Experiences of Skilled Women Immigrants (SIWI) Navigating the COVID-19 Pandemic: Immigration Trajectories to Canada. *Journal of International Migration and Integration*, 25(2), 595-619. <https://doi.org/10.1007/s12134-023-01078-w>

Biswas, U., Roy, D., & Ganju, A. (2023). Decoding Complexities in Designing Health Communication: Lessons from Field Case Studies. *Journal of Towards Excellence*, 15(2), 365-377. <https://hrdc.gujaratuniversity.ac.in/Publication/article?id=12427>

Chaudhari, R., & Kumar, A. (2024). Cutting-edge Approaches for Targeted Drug Delivery in Breast Cancer: Beyond Conventional Therapies. *Journal of*

Nanoscale Advances, 9(6), 2270–2286. <https://doi.org/10.1039/D4NA00086B>

Cosme, L. V., Corley, M., Johnson, T.,... & Mukherjee, S. (2024). A Genotyping Array for the Globally Invasive Vector Mosquito, *Aedes Albopictus*. *Parasites Vectors*, 17, 106. <https://doi.org/10.1186/s13071-024-06158-z>

Dalpatraj, N., Naik, A., & Thakur, N. (2023). GSK-J4: An H3K27 Histone Demethylase Inhibitor, as a Potential Anti-Cancer Agent. *International Journal of Cancer*, 153(6), 1130-1138. <https://doi.org/10.1002/ijc.34559>

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CONFERENCE PROCEEDINGS

Abdullah, H. B., Singh, P., Vaishya, A., & Rastogi, S. (2024). Decadal Trend of Black Carbon Aerosols at a Semi-Urban Location in the Central IGP. *Indian Aerosol Science and Technology Association (IASTA- 2023 Conference)*, Mumbai, India, December 12-14. 158-159.

Jana, K., & Chacko, M. (2024). A Collaborative Pedagogy of Mixed Method Research: An Inclusive Approach in Data Science Education. *Proceedings of the Annual Conference of the International Association for Statistical Education (IASE)*, Toronto, Canada, July 11-13. 1-2.

Singh, P., Vaishya, A., & Rastogi, S. (2024). Effect of Covid-19 Restrictive Measures on Aerosols in the Indo-Gangetic Plain Region. *Proceedings of Indian Aerosol Science and Technology Association (IASTA- 2023 Conference)*, Mumbai, India, December 12-14. 122-123.

CONFERENCE PRESENTATIONS

Abdullah, B., Singh, P., Vaishya, A., Prasad, P., & Rastogi, S. (2024). Study of Annual and Seasonal Trend of Black Carbon over the Central IGP. *National Space Science Symposium (NSSS-2024)*, Goa, India, February 26-March 1.

Abdullah, B., Singh, P., Vaishya, A., Prasad, P., & Rastogi, S. (2023). Decadal Trend of Black Carbon Aerosols at a Semi-Urban Location in the Central IGP. *Indian Aerosol Science and Technology Association (IASTA- 2023 Conference)*, Mumbai, India, December 12-14.

Amir, S. (2024). Basheer and the Barber: Limits to Provincialising Modernity. *1st Modernities Redefined Conference*, Bengaluru, India, February 22-24.

Bagchi, S. (2023). Political mobilisation and claim making through myth and memory: The case of the Nishads in North India. *India@75 and Beyond: New Ideas for the Present and Future*, International Centre Goa, India, July 15-16.

Behrend, R., & Saikia, M. (2023). Alternating Sign Matrices and Plane Partitions. *38th Annual Conference of the Ramanujan Mathematical Society*, Indian Institute of Technology Guwahati, India, December 22-25.

Chacko, M. (2024). It was the Dress that was a Problem for me: Enrolling Muslim Girls in a Citizenship Training Programme in Kerala, India. *Region, Identities and Citizenship Claims*, Sambalpur University, Odisha, India, March 18-19.

Choudhury, S. (2023). Measurement of Extinction and Reddening. *Workshop on astronomy-themed Experiments*, Inter-University Centre for Astronomy and Astrophysics, Pune, India, August 8-12.

Choudhury, S. (2024). What Does the Study of FUV Bright Star Clusters in the Magellanic Bridge Reveal? *42nd Annual Meeting of the Astronomical Society of India*, Bengaluru, India, January 31-February 4.

Dash, K. (2024). Sonic Madness: On the Lament and the Relationship Between Sound, Word and Meaning. *The UCT Writers Series: Sonic Madness*, Cape Town, South Africa, April 4.

Deo, A. (2023). Listening to Music in India in the Age of Platforms. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

Deo, A. (2023). Musical Creativity and Gender: Women Musicians and the Hindustani Khayal Tradition. *4th International Conference on Women's Work in Music*, Bangor University, UK, September 4-6.

Desai, B., & Ghosal, R. (2023). Understanding Ecological Adaptation of a Large Reptilian Species, Marsh Crocodiles, Through a Multidisciplinary Lens. *59th Annual Meeting of the*

Association for Tropical Biology and Conservation, Coimbatore, India, July 2-6.

Ghosal, R. (2023). Understanding Ecological Adaptation of a Large Reptilian Species, Marsh Crocodiles, Through a Multidisciplinary Lens. *31st International Congress for Conservation Biology*, Kigali, Africa, July 23-27.

Grewal, R. (2023). Ultrasensitive Atomic Magnetometry with Alkali Atoms. *8th International Student Conference on Optics and Photonics (SCOP-2023)*, Physical Research Laboratory, Ahmedabad, India, September 27-29.

Grewal, R. (2024). Magnetometry Based on Free Induction Decay of Atomic Spins. *4th International Network in Space Quantum Technologies (INSQT)*, Physical Research Laboratory, Ahmedabad, India, March 20-22.

Jhawar, J. (2023). Drone-based Data Collection and Image Processing. *Student Conference on Conservation Science*, Bengaluru, India, October 9-13.

Jhawar, J. (2023). Understanding Collective Behaviour across Systems and Scales. *ASAB Winter Meeting 2023*, Edinburgh, UK, December 13-14.

Kumar, A. (2024). Kant on Lying to the Murderer. *Forms of Rationality: Kant and Modernity*, Martin-Luther-Universität Halle-Wittenberg, Germany, February 11-14.

Mahadevia, D. (2023). Disaster Risk Resilience in Informal Settlements. *National Seminar on 'Disaster Risk Reduction for Resilient Informal Settlements*, Bhopal, India, December 15.

Mahadevia, D. (2023). Gender Based Violence: A Global Transport Epidemic. *Building Feminist Cities*, New Delhi, India, November 3.

Mahadevia, D. (2023). Heat Associated Morbidities in the Informal Housing – Case of Ahmedabad. *Sustainable and Inclusive Urban Development in Global South*, New Delhi, India, August 10-12.

Mahadevia, D. (2023). Key Findings from UCCRN's Third Assessment Report on Climate Change and Cities - COVID Element. *Adaptation Futures*, Montreal, Canada, October 2-6.

Mathew, L. (2023). Test-prep, Personhood, and Professional

Education in Western India. *Annual Conference on South Asia*, University of Wisconsin-Madison, Virtual, October 18-21.

Mayekar, H., Others, O., & Rajpurohit, S. (2023). Genetic Basis of Thermally Induced Cuticular Hydrocarbon Plasticity in a Tropical High Altitudinal Population of *Drosophila Melanogaster*. *XX111 International Congress of Genetics: Genetics and Genomes, Linking Life and Society*, Melbourne, Australia, July 16-21.

Mayekar, H., Others, O., & Rajpurohit, S. (2023). Tropical High-altitude Insects show Limited Capacity to Handle High Temperatures. *Indian Drosophila Research Conference (InDRC 2023)*, IISER Trivandrum, India, December 6-9.

Mazumdar, E. (2023). Combinatorics. *Indian Women in Mathematics Workshop for Young Women*, Punjabi University, India, December 22-26.

Mazumdar, E. (2023). Davenport Constant and Related Problems. *Conference on Rings and Factorizations 2023*, Graz, Austria, July 10-14.

Mishra, K., Pare, M., Phillip, L., Kumar, D., Sankaranarayanan, S., & Pathak, B. (2024). Calcium Promotes Seedling Morphogenesis in Peanuts. *Biotechnology for Sustainable Environment, Agriculture, Health, Biodiversity, and Industry*, Gujarat Biotechnology University, Gandhinagar, India, April 22-23.

Naidu, R. (2023). View/Mirror. Turman Gallery, Indiana State University, USA., October 2-27.

Nair, A., & Rajpurohit, S. (2024). Altitudinal Variation in Cuticular Hydrocarbons in *Drosophila Melanogaster*: Theoretical and Empirical Approaches to Understand Polygenic Adaptation. *International Centre for Theoretical Sciences of the Tata Institute of Fundamental Research (ICTS-TIFR)*, Bengaluru, India, May 6-17.

Narayan, P. (2024). World Literature and the Postcolonial through Foucault's Heterotopic Lens. *Foucault and Postcolonial Governmentalities in South Asia*, Kolkata, India, May 24-25.

Omi, K. (2024). The Road from Asymmetrical to Symmetrical Alliance: The Evolution of The US-Japan Alliance. *International Studies Association (ISA) Annual Conference*, San Francisco, USA, April 3-6.

Parekh, M., Jha, S., Patel, S., Nanavati, V., Shah, N., & Pathak, B. (2024).

Calcium as a potent Player in Mitigating the Salinity Stress Response of Finger Millet Seedlings. *Biotechnology for Sustainable Environment, Agriculture, Health, Biodiversity, and Industry*, Gujarat Biotechnology University, Gandhinagar, April 22-23.

Parekh, M., Sachdev, M., Jain, M., & Pathak, B. (2023).

Calcium Promotes Seedling Morphogenesis in Peanuts. *Science Undergraduate Research Conference 2023*, Azim Premji University, Bengaluru, India, December 8-9.

Parmar, M., Vaishya, A., Ojha, N., Pandya, M., & Asatar, G. (2024).

Application of Machine Learning To Reduce Observational Gaps In Aerosol Parameters: Method And Implications. *National Space Science Conference (NSSS 2024)*, Goa, India, February 26-March 1.

Patel, A., Patel, S., Lotia, S., & Tanavde, V. (2023).

miR-1307-5p Reverses Cisplatin Resistance In Oral Squamous Cell Carcinomas (OSCC). *Frontiers in Cancer Science*, Singapore, November 6-8.

Ramnath, A. (2024).

Cars and Planes for Empire and Nation: World War II and Walchand Hirachand's Industrial Ventures in India. *Business History Conference, Providence, USA*, March 14-16.

Ratnam, M. (2023). Shifting Cultivator, Peasant, Forest Dweller: Landscapes and Legacies of Improvement in the Baigachak. *Re-thinking Forests in Indian History: Book Workshop: The Unquiet Woods: Thirty Years*, Virtual, July 13-14.

Ratnam, M. (2024). Tribal, Forest, Farm: A Lexicon for a Different Agriculture. *Managing Sustainable Transitions in Agriculture: Newer Directions for Research and Civic Action*, Institute of Rural Management, Anand, India, November 16-18.

Roychoudhuri, R. (2023). The Colonial Camera and the People of India. *The Photography Network and University of Western Cape Virtual Symposium--"Photography's Frameworks"*, Virtual, October 12-14.

Saikia, M. (2024). Arithmetic Properties of Overpartition k-Tuples with Odd Parts. *2nd Meru Combinatorics Conference*, Graphic Era Hill University, Bhimtal, India, June 1-3.

Saikia, M. (2024). The Aztec Diamond Theorem Revisited. *Combinatorial Number Theory and Connected Topics III*, Virtual, March 16-17.

Saikia, M., & Paul, P. (2024). Aztec Diamond Revisited. *Second MERU Combinatorics Conference 2024*, Graphic Era Hill University, Bhimtal, India, June 1-3.

Sarwate, R. (2023). Imagining (Maha) Rashtra: Rereading D. K. Bedekar's Samyuktha Maharashtra. *Pluralizing India: Locations of the Political, Locations of History*, Ashoka University, New Delhi, India, November 2-4.

Sarwate, R. (2023). Maharashtra Sahitya Parishad and the Institutionalization of Marathi Literary Life. *'In the cause of literature and science': Learned Societies in Modern India*, Indian Institute of Advanced Study, Shimla, India, November 3-5.

Shukla, R. (2023). Forensic Biotechnology: An Emerging Paradigm of Research & Development in Forensic Science. *4th International Forensic Science Conference*, New Delhi, India, December 1-3.

Shukla, R. (2024). Forensic Biotechnology: A New Paradigm of R&D in Forensic Science. *Trends in Forensics, Law, and Criminology: Empowering Criminal Justice System in 21st Century and Beyond*, Kolkata, India, March 20-22.

Singh, P., Vaishya, A., & Rastogi, S. (2024). Depletion of Aerosols in the Atmospheric Column due to Cessation of Emissions over the IGP. *National Space Science Symposium (NSSS-2024)*, Goa, India, February 26-March 1.

Singh, P., Vaishya, A., & Rastogi, S. (2023). Effect of Covid-19 Restrictive Measures On Aerosols In The Indo-Gangetic Plain Region. *Indian Aerosol Science and Technology Association (IASTA- 2023 Conference)*, Mumbai, India, December 12-14.

Sreeram, L. (2023). Sampradaya: Traditional Arts as Knowledge Systems. *Symposium on Performing Arts and Intellectual Property*, Centre for Arts, Society and Policy, Pune, India, October 7-8.

Tanavde, V. (2023). Bringing Extracellular Vesicles to the Clinic. *EV-based biomarkers: Commercialisation and Clinical Implementation*, Aalborg, Denmark, October 12-14.

INVITED LECTURES

Amir, S. Affect and Shari'ah: Exploring Emotions in the Islamic Tradition. Hadhara Dialogue, Department of Civilization Studies, Darul Huda University, Chemmad, December 26, 2023.

Amir, S. Alternative Ethics: Theorising Tradition from the Field. University of Calicut, Calicut, December 14, 2023.

Amir, S. Modernity, Ethics and the Self: Formations and Contestations. Bukhari Knowledge Festival, Kondotty, December 26, 2023.

Amir, S. Ocean as Method. 14th Inter-Asia Cultural Studies Biennial Conclave, Ahmedabad University, Ahmedabad, July 28, 2023.

Amir, S., & Narayan, P. Pamuk's Istanbul: The Self and the City. Book Talk, Ahmedabad University, Ahmedabad, February 14, 2024.

Amir, S. The Barber-nama: Ordinary Stories, Extraordinary Storytellers. Ashoka Trust for Research in Ecology and Environment, Bangalore, February 21, 2024.

Amir, S. The Study of Islam in India: Old and new trajectories. Ma'din Academy, Malappuram, December 17, 2023.

Amir, S. The Tradition of Loving the Prophet: An Alternative Genealogy to South Asian Islam. Indian Institute of Technology Gandhinagar, Gandhinagar, September 28, 2023.

Bagchi, S. A Symposium on Understanding Political Finance and Campaign Expenditure in Indian Elections. University of Hyderabad, Hyderabad, March 15-16, 2024.

Bagchi, S. Making Sense of the Caste Survey in Bihar. Asian Development Research Institute (ADRI)- Patna, October 30, 2023.

Chacko, M. Muslim Girls in a Citizenship Training Programme in Kerala, India. Indira Mahindra School of Education Seminar Series, Mahindra University, Hyderabad, Virtual, April 3, 2024.

Dash, K. (2024). Must Gandhi Fall Performance Workshop. Cape Town, South Africa, February 15-19.

Deo, A. 'Digital Technologies and Traditional Arts: The Question of Archives'. Talking With Tradition Immersive on Performing Arts and Intellectual Property, Center for Arts, Society and Policy and Baithak Foundation, Pune, October 7-8, 2023.

Dutta, M. Upak?ra: The Theory of Spiritual Service and Women's Inheritance in the D?yabh?ga. Jadavpur University, Kolkata, November 22, 2023.

Ghosal, R. Talk To A Scientist About Crocodiles. Virtual, February 17, 2024.

Ghosal, R. The STEAM Gap: Nurturing Next Generation Women Leaders in Academia. Indian Institute of Technology Gandhinagar, Gandhinagar, July 7-8, 2023.

Ghosh, S. Resonant Positron-Molecule Annihilations Beyond Fundamental Modes. Indian Institute of Technology Gandhinagar, Gandhinagar, November 23, 2023.

Goswami, G. Self Interactions of Ultra-light Bosonic Dark Matter. Physical Research Laboratory, Ahmedabad, August 8-10, 2023.

Jana, K. Causal Analysis at Extreme Tails with application to London Traffic flow data. Indian Institute of Technology Tirupati, Tirupati, April 21-24, 2024.

Jhavar, J. Inferring Mechanisms of Collective Animal Behaviours. Ashoka University, Haryana, October 18, 2023.

Jhavar, J. Understanding Mechanisms Underlying Collective Systems and Dynamics. Saint Joseph University, Bengaluru, October 10, 2023.

Kumar, A. Development of Nano Construct for Targeted Therapy Against Macrophages Involved in Rheumatoid Arthritis. Indian Institute of Technology Gandhinagar, Gandhinagar, November 19-22, 2023.

Kumar, A. Nanotechnology and Therapeutics. Workshop on Enhancing the Protection and Control of Emerging Dual-Use Technologies at the Intersection of Emerging Sectors in Biotechnology and Pharmaceuticals, Goa, May 28-31, 2024.

Mahadevia, D. Including the Informal – Imperative for India's Urbanisation. Tata Institute of Social Science, Hyderabad, Virtual, February 16, 2024.

Mahadevia, D. Urban Planning and Its Discontents. Book Talk, Ahmedabad University, Ahmedabad, March 8, 2024.

Mathew, L. English Language Education in the Global South: Aspiration and Translingualism. All India Network of English Teachers (AINET), Gauhati University, Guwahati, February 3-4, 2024.

Mazumdar, E. Study of Zero-sum Problems for Restricted Sequences. NISER Bhubaneswar, Bhubaneswar, February 21-26, 2024.

Mazumdar, E. Zero-sum Problems for Restricted Sequences. Indian Institute of Technology Delhi, New Delhi, February 19, 2024.

Narayan, P. A Conversation on Culture, Literature and Society. Ahmedabad International Literature Festival, Ahmedabad, November 25, 2023.

Narayan, P. Beyond the Veil: Narrating the South Asian City. Indian Institute for Human Settlements, Bengaluru, May 12, 2024.

Narayan, P. Cities in Literature: Talk with Author Pallavi Narayan. Atta Galatta Bookstore, Bengaluru, May 17, 2024.

Narayan, P. Dreaming Objects: Orhan Pamuk's Museum of Innocence. The Centre for Studies in Social Sciences Calcutta, Kolkata, May 29, 2024.

Narayan, P. Editing Asia: Dr Pallavi Narayan on the Publishing Industry across Asia. Institute of Professional Editors, University of Melbourne, Virtual, March 18, 2024.

Narayan, P. In Search of Self: Journeys of Identity and Personal Growth. Ahmedabad International Literature Festival, Ahmedabad, November 26, 2023.

Narayan, P. Narrative and Craft: Resident Writers on Fiction and Non-fiction in India. Ahmedabad University, April 24, 2024.

Narayan, P. Writing Bilingually: What Translating One's Work Can Teach About Writing. Ahmedabad University, February 9, 2024.

Narayan, P. All His Moving Parts: Poetry Reading Event. Ahmedabad University, October 20, 2023.

Narayan, P. Spotlight: Subliminal. Samyukta Poetry, Virtual, May 26, 2024.

Narayan, P. The City in/of Contemporary Fiction. Amity University, Uttar Pradesh, February 23-24, 2024.

Narayan, P. The Ties that Bind Us: Reading Marquez Today. Indian Institute for Human Settlements, Bengaluru, May 12, 2024.

Omi, K. Government Secrecy and Intelligence Studies. International College of Liberal Arts (iCLA), Yamanashi Gakuin University, Japan, June 5, 2024.

Omi, K. US Presidential Policy Decision Directives (PPDDs), 1961-2022. International College of Liberal Arts (iCLA), Yamanashi Gakuin University, Japan, July 12, 2023.

Pathak, B. Plant Tissue Culture and Genome Editing. MS University, Baroda, Baroda, May 17, 2024.

Pathak, B., Arun, V., Parthyal, S., & Mundolly, S. Citizen Science and Education. 4th Annual National Conference on Citizen Science for Biodiversity (CitSci India 2023), Virtual, December 1, 2023.

Paul, P. Aztek Diamond Revisited. TCG Crest, Kolkata, June 10, 2024.

Rajpurohit, S. (2024). *Drosophila* Pigmentation: Genetic Modularity, Phenotypic Parallelism, and Adaptive Response. University of Exeter, UK, June 6, 2024.

Rajpurohit, S. Dealing with Drought: Connecting Dots from Behaviour to Pathways. SEB Centenary Conference 2023, Edinburgh, UK, July 7, 2023.

Rajpurohit, S. Hydrocarbons and Melanin: Genetic Modularity, Phenotypic Parallelism, and Adaptive Response. International Center for Theoretical Sciences, Bengaluru, May 6-17, 2024.

Rajpurohit, S. Insect Cuticle in a Warming World. University of Exeter, UK, June 5-7, 2024.

Ramnath, A. From Eminent Engineer to Authority on Economic Planning: Sir M. Visvesvaraya in interwar India. King's College London, UK, May 1, 2024.

Ramnath, A. The Birth of an Indian Profession: Engineers, Industry, and the State. Book Discussion, King's College London, UK, April 29, 2024.

Ramnath, A. The Built Environment Through the Prism of the Colonial Press. Virtual; December 14, 2023.

Ramnath, A. Who is an Indian Engineer? Perspectives from Late-colonial History. Collective for Reimagining Engineering Innovation (CREI), Virtual, August 9, 2023.

Ramnath, A. Who's in Charge of the Howrah Bridge? Engineering Expertise and the Political Economy of Late-Colonial India. CEPT University, Ahmedabad, September 15, 2023.

Ramnath, A. Who's in Charge of the Howrah Bridge? Engineering Expertise and the Political Economy of Late-Colonial India. Harish-Chandra Research Institute, Prayagraj, September 8, 2023.

Ramnath, A. Who's in Charge of the Howrah Bridge? Engineering Expertise and the Political Economy of Late-Colonial India. National Institute of Advanced Studies, Bengaluru, September 25, 2023.

Roychoudhuri, R. A Little History of Global Photography. Museum of Art and Photography (MAP) & Tata Trust Art Conservation Initiative, Virtual, October 27, 2023.

Roychoudhuri, R. An Intellectual History of Pictorialism in India. Foundation for Indian Contemporary Art, New Delhi, July 19, 2023.

Roychoudhuri, R. Layered Lives of Archival Photographs. Centre for Studies in Social Sciences Calcutta, Kolkata, December 19, 2023.

Roychoudhuri, R. Workshop on Research Methods in Art History and Visual Culture. Foundation for Indian Contemporary Art, New Delhi, July 18, 2023.

Sarwate, R. Theory and Politics. Department of Political Science, Mumbai University, Mumbai, February 22-23, 2024.

Swamy, K. Aneuploidy a Friend or a Foe: Resolving the Aneuploidy Conundrum by Experimental Evolution. Society of Molecular Biology and Evolution, Dehradun, December 16-17, 2023.

REPORT

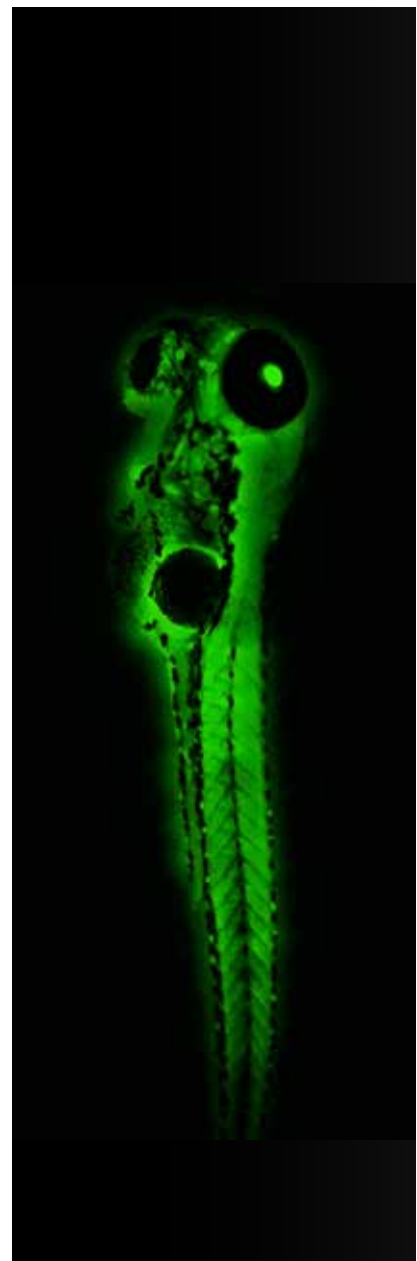
Amir, S. (2024). *Staying Relevant, Staying Committed: Publishing Margins in India*. World Humanities Report, Consortium of Humanities Centers and Institutes and University of Wisconsin, Madison.

RESEARCH WORKING PAPERS

Biswas, A., & Mazumdar, E. Davenport Constant for Finite Abelian Groups of Higher Rank. WP-SAS-MPS-2024-002, Ahmedabad University.

Godara, N., Joshi, R., & Mazumdar, E. Combinatorial Invariants for Certain Classes of Non-abelian Groups. WP-SAS-MPS-2024-003, Ahmedabad University.

Godara, N., Joshi, R., & Mazumdar, E. On a Conjecture Related to Davenport Constant. WP-SAS-MPS-2024-001, Ahmedabad University.



A large industrial robotic arm, painted orange, is positioned on the left side of the frame. It is part of a complex machinery system with a blue frame and a yellow safety grid. A large, light-colored cylindrical object is being processed by the machine. In the background, a person in a blue uniform is visible, working on the machinery. The scene is set in a large industrial facility with a high ceiling and structural beams.

SCHOOL OF ENGINEERING AND APPLIED SCIENCE

This academic year, the School finalised the curricula of its newly launched Bachelor of Technology programme, which focuses on Electrical and Electronics Engineering, and ensured its successful implementation. The courses are rooted in a strong engineering foundation, emphasising the fundamentals and skills complemented by the core course. Hands-on projects, practical work, and active involvement of practitioners and experienced professionals in the course material development and teaching are essential to the programme delivery.

The School launched Master of Technology programmes in Computer Science and Engineering and Composites to produce industry-ready graduates with contemporary skills and knowledge. The School has identified several industry collaboration opportunities and forged partnerships for academic exchange.

Our faculty and students received several laurels from reputed national and international organisations. The School was also at the helm of several events, including conferences, workshops, expos, research colloquia, and more.

NEW FACULTY

RUPSA BHOWMICK

Assistant Professor

PhD in Geography, Louisiana State University

BAIBHAV KUMAR GUPTA

Visiting Professor

PhD in Electrical Engineering, Indian Institute of Technology, Ropar

MONA JANI

Associate Professor

PhD in Physics, Savitribai Phule Pune University

HARMEET KAUR

Assistant Professor

PhD in Engineering Sciences, Academy of Scientific and Innovative Research

SOUVIK ROY

Assistant Professor

PhD in Engineering (Cellular Automata), Indian Institute of Engineering Science and Technology, Shibpur

RAMYA SRINIVASAN

Assistant Professor

MS-PhD in Environmental Engineering, IIT Madras

BHAWNATH TIWARI

Assistant Professor

PhD in Micro-robotics, Instrumentation, Automation, University Bourgogne Franche-Comté (UBFC), France



PROGRAMMES

UNDERGRADUATE

Bachelor of Technology

- Major in Chemical Engineering
- Major in Computer Science and Engineering
- Major in Mechanical Engineering

The BxMx Programme (Dual Degree)

- BTech (Chemical Engineering/ Computer Science and Engineering/ Mechanical Engineering) + MBA

GRADUATE

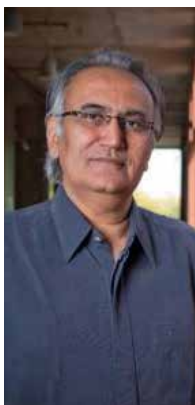
Master of Technology

- Computer Science and Engineering with specialisation in Data Science and Analytics

DOCTORAL

- Applied Physics
- Applied Science
- Chemical Engineering
- Computer Science and Engineering
- Mechanical Engineering

FACULTY ACHIEVEMENTS



SANJAY CHAUDHARY
Professor and Associate Dean

Served as a Vice President of the Indian Society of Agricultural Information Technology (INSAIT)



SRIDHAR DALAI
Assistant Professor

Patent granted to Sridhar Dalai, Moulie Ghosh, and Snigdha Khuntia for "Laboratory Instrument to Synthesize Silicon Nanomaterial from Laboratory Waste Glass" (Patent number: 407559-001)

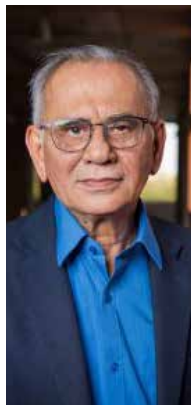


SNIGDHA KHUNTIA
Assistant Professor



KEYUR D JOSHI
Assistant Professor

Patent granted to Keyur Joshi and others for "A Vision-Actuated Feeding Robotic Arm Setup for the Elderly and Specially-Abled People" (Patent number: 202321080546A).



DEEPAK KUNZRU
*Distinguished Professor and Dean,
Graduate School and Research*

Conferred with the Institute Fellow Award 2022 by the Indian Institute of Technology, Kanpur, in recognition of his stellar contributions to the institute and society.



SHEFALI NAIK
Assistant Professor

- Technical Programme Committee Member for the Gujarat Council on Science and Technology - Department of Science and Technology (GUJCOST-DST) sponsored 5th International Conference on Soft-computing and its Engineering Applications organised by Charotar University of Science and Technology, Changa.
- Program Committee Member of the 20th IEEE India Council Conference 2023 (IEEE – INDICON).



KUNTAL PATEL
Assistant Professor

Technical Programme Committee member for the GUJCOST-DST sponsored 5th International Conference on Soft-computing and its Engineering Applications organised by Charotar University of Science and Technology, Changa.



SANKET PATEL
Associate Professor

Elected as an Institute of Electrical and Electronics Engineers (IEEE) Executive Committee Member Gujarat State, AP/MTT (IEEE Antennas and Propagation Society and IEEE Microwave Theory and Techniques Society) Joint Chapter, in the AGM held in Ahmedabad.



ADITI SINGHAL
Assistant Professor

Invited to the University of Lille for a short research stay, which involved lectures, material characterisation, and scoping future collaboration.



RAMYA SRINIVASAN
Assistant Professor

Patent granted to Ramya Srinivasan for "Bifunctional Rotating Drum Electrode Device and Method for Treatment of Persistent Organic Pollutants" (Patent number 487475).



MAZAD ZAVERI
Associate Professor

Selected as the Vice Chair of the Institute of Electrical and Electronics Engineers Intelligent Transportation Systems Society (IEEE - ITSS) 's technical activities of Gujarat Chapter for 2024.

EVENTS

INGENIUM 2024

The 9th edition of the Technology Festival, comprising workshops, conferences, competitions, and more, was organised in March. More than 1000 students representing Ahmedabad University, Indian Institute of Technology Gandhinagar, Sardar Vallabhbhai National Institute of Technology, Indian Institutes of Information Technology Guwahati, Maharaja Sayajirao University, Nirma University, LD College of Engineering, Pandit Deendayal Energy University, and more participated.

ACM WINTER SCHOOL

The ACM Winter School offered an immersive and intellectually stimulating experience for students across India. It focused on Network Science, blending foundational theories with practical applications through expert-led lectures, workshops, and hands-on tutorials.

BOOK TALKS

A conversation with the editors, Professor Sanjay Chaudhary, Associate Dean at the School of Engineering and Applied Science, and Professor Mehul S Raval, moderated by Assistant Professor Shefali Naik for their edited book "*Digital Ecosystem for Innovation in Agriculture*."

A conversation with the editors, Professor Mehul Raval, Professor Mohendra Roy from Pandit Deendayal Energy University, Professor Tolga Kaya from Sacred Heart University, USA, and Professor Rupal Kapdi from NIRMA University moderated by Assistant Professor Shefali Naik for their edited book "*Explainable AI in Healthcare Unboxing Machine Learning for Biomedicine*."





DOCTORAL RESEARCH COLLOQUIA SERIES

The series was organised where doctoral candidates discussed their research projects.

- **Prajakta Rathod**, *CNN Based Automatic Seizure Detection System for Epilepsy Disorder*. July 17, 2023.
- **Sasmita Patnaik**, *Development of a lab scale Solar Powered Cogeneration System Generating Electricity and Cooling*. August 17, 2023.
- **Ridima Verma**, *Enhancing Transportation through Autonomous Vehicle Cooperation*. September 27, 2023.
- **Moulie Ghosh**, *Waste to Energy*. October 18, 2023.
- **Parveen Dalal**, *Study on Simultaneous Removal of SO₂ and NO_x using Wet Oxidation Methods*. October 31, 2023.
- **Srishti Sharma**, *Biomechanical Analysis of Jump Landings for Injury Risk Assessment using Computer Vision*. November 30, 2023.
- **Hosam Kashaea**, *Liquid-Liquid Extraction of Phenolic Compounds from Aqueous Solutions Using Deep Eutectic Solvents*. December 15, 2023.
- **Arunima Singh**, *Exploring Effective Approaches for Treatment of Pharmaceutical Wastewater*. January 17, 2023.
- **Rajashree Liya**, *Towards Sustainable Energy and Environment*. January 31, 2024.
- **Manisha Wakle**, *Liquid Membrane Synthesis and its Applications*. February 16, 2024.
- **Yagnik Bhavsar**, *Traffic investigation at roundabout using UAV*. April 26, 2024.

WORKSHOPS

PROCESS MODELLING AND SIMULATION USING APSENPLUS | FEBRUARY 9-10, 2024 AND MAY 9-10, 2024

Professors Dharamashi Rabari and Sridhar Dalai organised a two-day workshop on process modelling and simulation using ApsenPlus for students and industry employees. Nearly 100 participants took part in the workshop.



DIGITAL HEALTHCARE AND AI | MAY 10, 2024

Ahmedabad University, in collaboration with the National Institute of Technical Teachers Training and Research (NITTTR) and IEEE Computational Intelligence Society (IEEE CIS) Gujarat Chapter, organised a workshop on Digital Healthcare and AI. Academics and researchers from various institutions presented their cutting-edge research in healthcare at the workshop.

TWO-WHEELER SAFETY AWARENESS AND TWO-WHEELER SAFETY DATA, TECHNOLOGY AND ADVANCES | NOVEMBER 3-4, 2023

Experts and enthusiasts gathered to discuss challenges and technologies related to two-wheeler safety and mobility, including government initiatives and policies, ICT-based technologies to mitigate road accidents, advanced rider assistance systems, driver behaviour, severity analysis, and socio-economic consequences of road injuries.

SKILL BUILDING FOR INDUSTRY 4.0 | SEPTEMBER 30, 2023

Professor Keyur D Joshi organised a workshop that covered various aspects, including the history, opportunities, and challenges of I4.0, relevant technologies, and competencies required. Through experiential sessions and case studies, it explored digital transformation, intelligent automation, and business excellence.

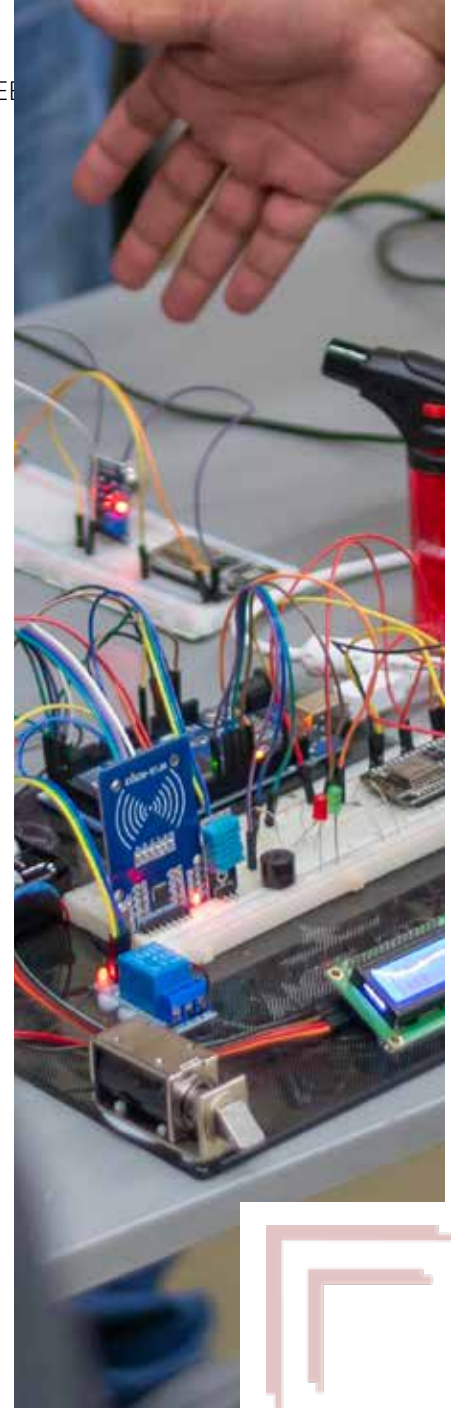


PYTHON PROGRAMMING | MAY 11 AND MAY 22, 2024

Professor Kuntal Patel coordinated workshops on Python programming and its applications. Participants learned the basic concepts of Python programming, syntax, data types, and ready-to-use built-in library functions. The workshop aimed to instill confidence in writing Python code.

CYBER SECURITY SOCIAL AWARENESS CAMPAIGN | MAY 2024

Professor Kuntal Patel organised a Cyber Security Social Awareness Campaign to raise awareness about cybersecurity among the citizens. As a part of this initiative, students and Professor Patel toured different locations in Ahmedabad to educate the public about cyber threats and ways to prevent them.



INDUSTRIAL VISITS

Students of the course "Design, Innovation and Making" participated in several field visits, including the Rann of Kutch to meet salt pan workers and farmers and the blind school in Ahmedabad. Students also visited the Self Employed Women's Association to demonstrate their project to the SEWA representatives.



STUDENT ACHIEVEMENTS



MANAN ANJARIA
Bachelor of Technology
Mechanical Engineering



KANAD PATEL
Bachelor of Technology
Mechanical Engineering



YASHVEER YADAV
Bachelor of Technology
Mechanical Engineering



VEDANSHEE TRIVEDI
Bachelor of Technology
Mechanical Engineering



ANAR BAHGAT
Bachelor of Technology
Mechanical Engineering

Awarded second place for AUROver, a tech students' rover robot project, at the GUJCOST's ROBOFEST 3.0. organised by the Gujarat Council of Science and Technology under the aegis of the Department of Science and Technologies, Gujarat Government.



YAGNIK BHAVSAR
Doctoral Candidate, Computer Science
and Engineering

Coauthored research article titled "Vision-based Investigation of Road Traffic and Violations at Urban Roundabout in India using UAV Video: A Case Study," published in the journal, "Transportation Engineering." The paper received media coverage in the Times of India. Won the first prize for the poster presentation at the IGNITE, a symposium on PhD forum organised by the IEEE Signal Processing Society Gujarat Section and IEEE Signal Processing Society PDEU Student Branch.



KATHAN DAVE
Bachelor of Technology, Computer
Science and Engineering

Awarded third prize in the "India-Japan Hack the Future" hackathon, organised at the Indian Institute of Technology Gandhinagar, for a project utilising an optimised video-based approach and adaptive signals to improve traffic estimation and enable smoother commutes.



MOULIE GHOSH
Doctoral Candidate,
Chemical Engineering

Received the Best Paper Award for research paper, "XRD Analysis of Nanosized Silicon Derived from Broken Glassware," at the CHEMCON 2023, the 76th Annual Session of the Indian Institute of Chemical Engineers, organised by the Heritage Institute of Technology, Kolkata.



ANANNYA OLI
Bachelor of Technology,
Chemical Engineering

- Won second position in the student technical paper presentation competition at the American Institute of Chemical Engineers (AIChE) Student Regional Conference 2023 held at Sarada Vallabhbhai National Institute of Technology, Surat.
- Conferred with the American Institute of Chemical Engineers (AIChE) Outstanding Student Chapter Award for exceptional participation, enthusiasm, programme quality, professionalism, and involvement in the University and community. The award is shared jointly with Professors Snigdha Khuntia and Arijit Ganguli, who are part of the student chapter.



KHANJAN PAREKH

*Bachelor of Technology,
Chemical Engineering*

Received the First Year Student Recognition Award (Freshman Award) 2022-23 by AIChE, acknowledging his outstanding contributions to the AIChE Ahmedabad University Student Chapter.



JAP PUROHIT

*Bachelor of Technology, Computer
Science and Engineering*

Received grant to present the coauthored research article, "Effectiveness of E-crossword Puzzle Tool in the Multidisciplinary Course for the Undergraduate Students," at the 6th annual COMPUTE conference at the University of Hyderabad, Telangana.



ZEEL RAJODIYA AADYA CHINUBHAI

*Bachelor of Technology, Computer Science
and Engineering*

Chosen for the Google Summer of Code programme to develop open-source software.



MAITRIK SHAH

*Doctoral Candidate, Computer Science
and Engineering*

Won the third prize for the poster presentation based on atmospheric corrections at the PhD symposium IGNITE organised by the IEEE Signal Processing Society Gujarati Section and IEEE Signal Processing Society Pandit Deendayal Energy University Student Branch.



AKANKSHA SHARMA

Doctoral Student, Applied Chemistry

Received the "Best Oral Presentation Award" for the research paper titled "Electrocatalytic Reduction of CO₂: A Promising Approach towards Sustainable Future" at the International Conference on Materials for Sustainable Energy, Environment, and Health (ICMSEEH-2023), organised by the Departments of Chemistry, Chemical Engineering, and Mechanical Engineering at Pandit Deendayal Energy University, Gandhinagar, Gujarat.



SRISHTI SHARMA

*Doctoral Candidate, Computer Science
and Engineering*

Won first prize for the poster presentation at the PhD symposium IGNITE organised by the IEEE Signal Processing Society Gujarati Section and IEEE Signal Processing Society Pandit Deendayal Energy University Student Branch.



DIYA SHETH

*Bachelor of Technology,
Chemical Engineering*

Won the Donald F. Othmer Sophomore Academic Excellence Award 2022-23 by AIChE for her contributions to the AIChE Ahmedabad University Student Chapter.



GUEST LECTURES

Gaurav Somani, Associate Professor, Central University, Ajmer. *Introduction to Cloud Computing*. August 10, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Cloud vs on-premise Resources*. August 17, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Formal Model of Cloud Computing*. August 22, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Types of Virtualization*. August 24, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Virtualization of Resource Types*. August 29, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Live Virtual Machine Migration*. August 31, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Virtual Machine Placement*. September 6, 2023.

Jigar Raval, Head, Computer Networking and Information Technology Division, Physical Research Laboratory, Ahmedabad. *Email Forensics –Concepts, Tools and Techniques*. September 6, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Auto-scaling in Cloud*. September 7, 2023.

Gaurav Somani, Associate Professor, Central University, Ajmer. *Cloud Migration and Docker Containers*. September 9, 2023.

Mehul Raval, Professor, Ahmedabad University, Ahmedabad. *Sports Data Analytics using Computer Vision*. September 14, 2023.

Amit Nanavati, Professor, Ahmedabad University, Ahmedabad. *Network Science – An Overview*. October 26, 2023.

Hirmay Sandesara (BTech 2023), Qiskit Advocate, International Business Machines Corporation. *Introduction to AI and Implementation of Algorithms*. November 22, 2023.

Sanjay Madria, Curators' Distinguished Professor, Missouri University of Science and Technology, USA. *Efficient Revocation in Attribute-based Encryption Scheme for Secure Data Sharing in the Cloud*. January 16, 2024.

Manohar Kakunuri, Assistant Professor, National Institute of Technology, Warangal. *Engineering Physicochemical Properties of Carbon Nanomaterials for Present and Future Batteries*. January 23, 2024.

Kaushal Shah, Assistant Professor, Pandit Deendayal Energy University, Gandhinagar. *Solidity Programming*. March 5, 2024.

Ashutosh Kakadiya (BTech 2018), Senior MLScientist, Go Ddaddy, Bengaluru. *Charting a Path: Navigating the AI and Machine Learning Landscape*. April 4, 2024.

Timothy Gonsalves, Distinguished Professor of Engineering, Ahmedabad University, Ahmedabad. *Thinking Like an Engineer*. April 5, 2024.

RESEARCH SEMINAR SERIES

Aakash Patil, Stanford University, USA. *Machine Learning-Accelerated Modelling and Simulations*. October 20, 2023.

Dhiraj Kumar, Indian Institute of Technology (India School of Mines) Dhanbad. *Ultrafast Laser Surface Functionalization of Materials*. December 21, 2023.

Hemant Chouhan, Indian Institute of Technology Delhi. *High Strain Rate Testing of Composites and Cost-Effective Automation for Future Composites*. February 19, 2024.

Hitesh Shrimali, Indian Institute of Technology Delhi. *Energy Efficient Hybrid Analog-to-Digital Converters*. March 14, 2024.

Bhawnath Tiwari, University of Franche-Comté, Switzerland. *Mechatronics in Industry and Healthcare*. March 29, 2024.

Baibhav Kumar Gupta, Indian Institute of Technology Ropar. *Power Quality Assessment of Solar Inverters connected with utility Grid*. May 6, 2024.

Aalok Thakkar, University of Pennsylvania, USA. *Example-guided Synthesis of Relational Queries*. May 24, 2024.

Kamal Raj Sharma, Indian Institute of Technology Roorkee. *Flow Control of Wake, Jet, and Boundary Layer Flows*. May 30, 2024.

Abhishek Chakraborty, Indian Institute of Space Science and Technology, Thiruvananthapuram. *On Temporal and Spatial Behaviors of CBRS SAS near Incumbent Installations*. May 31, 2024.

Shashi Prabh, Ahmedabad University. *Distributed Throughput Equalization in Wireless Networks*. October 11, 2023.

Mehul Raval, Ahmedabad University. *Integrating Datasets for Surveillance Based Person Retrieval*. October 18, 2023.



RESEARCH

SCHOOL OF ENGINEERING AND
APPLIED SCIENCE

STUDENT PRESENTATIONS

Bhavsar, Y. (2024). Traffic Investigation at Urban Roundabout using UAV. *IGNITE: Symposium on PhD Forum and Poster Presentation*, Pandit Deendayal Energy University, Gandhinagar, India, March 1-2.

Dhebar, J., Sonaiya, M., & Rai, A. (2024). Anomaly Detection in Spacecraft based on Telemetry Data and Deep Learning Techniques. *Recent Trends in Space Technology (RTST 2024)*, Jaipur, India, March 20-21.

Gadesha, V., Joshi, K. D., & Bachika M. (2023). Streamlining Resume Annotation with Named Entity Recognition. *2023 IEEE 20th India Council International Conference (INDICON)*, Hyderabad, India, December 14-17.

Ghosh, M., Khuntia, S., & Dalai, S. (2023). Thermal Effect on Synthesis of Porous Silicon Nanomaterial from Waste Glass via Magnesiothermic Reduction Method. *14th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT 2023)*, Athens, Greece, July 10-14.

Ghosh, M., Khuntia, S., & Dalai, S. (2023). XRD Analysis of Nanosized Silicon Derived from Broken Glassware. *76th International Conference Energy Transition: Challenges and Opportunities (IICHe-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27- 30.

Makadia, O. B., Patel, D. K., Shah, K. D., Raval, M. S., Zaveri, M., & Merchant, S. N. (2024). Millimeter-Wave Vehicle-to-Infrastructure Communications for Autonomous Vehicles: Location-Aided Beam Forecasting in 6G. *2024 16th International Conference on COMMunication Systems & NETWORKS (COMSNETS)*, Bengaluru, India, January 3.

Modi, K., Kabariya, K., Parikh, K., & Dalai, S. (2023). Design and Energy Analysis of Ammonia Production Process using Aspen Plus and Aspen Energy Analyzer. *76th International Conference Energy Transition: Challenges and Opportunities (IICHe-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27- 30.

Naik, S., & Purohit, J. (2023). Effectiveness of e-Crossword Puzzle tool in the Multidisciplinary Course for Undergraduate Students. *16th Annual ACM India Conference (COMPUTE 2023)*, University of Hyderabad, India, December 9-11.

Parikh, K., Khatri, K., Sojitra, V., Deore, P., & Dalai, S. (2023). Energy and Cost Savings in Cyclohexane Production Plant: Use of Heat Integration Method and Simulation Tools. *76th International Conference Energy Transition: Challenges and Opportunities (IICHe-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27-30.

Patel, H., Purohit, J., & Patel, S. (2024). Enhancing the Virtual Jewelry Try-On Experience with Computer Vision. *2024 IEEE Applied Sensing Conference (APSCON)*, Birla Institute of Technology and Science - Pilani, Goa, India, January 22-24.

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Ghosh, M., Khuntia, S., & Dalai, S. (2023). Thermal Effect on Synthesis of Porous Silicon Nanomaterial from Waste Glass via Magnesiothermic Reduction Method. *14th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT 2023)*, Athens, Greece, July 14-17.

Ghosh, M., Khuntia, S., & Dalai, S. (2023). XRD Analysis of Nanosized Silicon Derived from Broken Glassware. *International Conference Energy Transition: Challenges and Opportunities (IIChE-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27-30.

Jani, M. (2024). CVD Grown Diamond Crystals. *Hasselt Diamond Workshop - SBDD*, Hasselt, Belgium, February 28-March 1.

Kaur, H. (2024). Luminescent DPA@Mg-MOF Composite for Application in Light Emitting Devices. *3rd International Conference on Nanomaterials for Energy Conversion and Storage Applications*, Pandit Deendayal Energy University, Gandhinagar, India, February 21-23.

Kundu, S., & Nanavati, A. (2023). A Correction to the Heuristic Algorithm Minimal FlipSet to Balance Unbalanced Graphs. *The 12th International Conference on Complex Networks and their Applications*, Menton Riviera, France, November 28-30.

Maharaja, H., & Das, B. (2024). Ratcheting Behaviour of SS316L at Room and Low Temperatures. *19th European Mechanics of Materials Conference*, Madrid, Spain, May 29-31.

Mangrulkar, M. (2024). Enhanced Intrinsic Photostability of Perovskite Active Layer Through Synergistic Effects of Amine and Carboxylic Acid Integration. *3rd International Conference on Nanomaterials for Energy Conversion and Storage Application 2024 (NECSA-2024)*, Gandhinagar, India, February 21-23.

Modi, K., Kabariya, K., Parikh, K., & Dalai, S. (2023). Design and Energy Analysis of Ammonia Production Process using Aspen Plus and Aspen Energy Analyzer. *International Conference Energy Transition: Challenges and Opportunities (IIChE-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27-30.

Naik, S., & Purohit, J. (2023).

Effectiveness of e-Crossword Puzzle Tool in the Multidisciplinary Course for Undergraduate Students. *16th Annual ACM India Conference (COMPUTE 2023)*, Hyderabad, India, December 9-11.

Nanavati, P., & Nanavati, A. (2023).

Bowlership: Examining the Existence of Bowler Synergies in Cricket. *The 12th International Conference on Complex Networks and their Applications*. Menton Riviera, France, November 28-30.

Parikh, K., Khatri, K., Sojitra, V., Deore, P., & Dalai, S. (2023).

Energy and Cost Savings in Cyclohexane Production Plant: Use of Heat Integration Method and Simulation Tools. *International Conference Energy Transition: Challenges and Opportunities (IIChE-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27-30.

Patel, D. (2024).

Deep RL-Based Smart Signaling Using Space-Time Vehicular Features Under C-V2X Scenario. *16th International Conference on COMMUNICATION SYSTEMS & NETWORKS (COMSNETS 2024)*, Bengaluru, India, January 3-7.

Patel, D. (2024). Millimeter-Wave Vehicle-to-Infrastructure Communications for Autonomous Vehicles: Location-Aided Beam Forecasting in 6G. *COMSNETS 2024 Connected Vehicles And Autonomous Driving*, Bengaluru, India, January 3-7.

Patel, H., Purohit, J., & Patel, S. (2024).

Enhancing the Virtual Jewelry Try-On Experience with Computer Vision. *2024 IEEE Applied Sensing Conference (APSCON)*, Goa, India, January 22-May 24.

Patel, K. (2023). Active Learning using Project and Activities. *ACM India Chapter Summit*, Jaipur, India, December 21-22.

Patel, P. (2023). Emission Monitoring System. *CEM India 2024 Conference*, New Delhi, India, Virtual, February 20-22.

Patel, P., Khuntia, S. & Dalai, S. (2023).

A Waste Generation and Consumption Potential of India To Increase Thermal Substitution Rate (TSR). *International Conference Energy Transition: Challenges and Opportunities (IIChE-CHEMCON 2023)*, Indian Institute of Chemical Engineers, Kolkata, India, December 27-30.

Patil, K., Patel, P., & Kaveshgar, M. (2023).

Evaluating Depth Estimation Algorithms in Unstructured Driving Environments. *2023 IEEE 26th International Conference on Intelligent Transportation Systems (ITSC)*, Bilbao, Spain, September 24-28.

Prabh, S. (2023).

Clustered Mean-Field Hard-Core Model with Non-Homogeneous Clusters. *The 21st International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (WiOpt)*, Singapore, August 24-27.

Rabari, D., Santra, M., & Kunzru, D. (2023).

Investigating the Interactions Between Choline Iodide-Based Deep Eutectic Solvents And CO₂ Using Density Functional Theory. *The European Molecular Liquids Group (EMLG) and the Japanese Molecular Liquids Group (JMLG) Annual Meeting 2023*, Talence, France, September 4-7.

Raval, M. S., & Roy, M. (2023). Fake News Detection. *IEEE R10 Humanitarian Technology Conference*, Rajkot, India, October 16-18.

Raval, M. S., Roy, M., & Kuribayashi, M. (2023).

Spoofing Face Recognition Systems with Adversarial Examples: Challenges and Countermeasures. *Asia Pacific Signal and Information Processing Association - Annual Summit and Conference 2023 (APSIPA ASC 2023)*, Taiwan, October 31-November 3.

Santra, M., Kunzru, D., & Rabari, D. (2023).

Analysis of the Formation Mechanism of Choline Chloride-Based Deep Eutectic Solvents Using Density Functional Theory. *The European Molecular Liquids Group (EMLG) and the Japanese Molecular Liquids Group (JMLG) Annual Meeting 2023*, Talence France, September 4-7.

Santra, M., Kunzru, D., & Rabari, D. (2023).

Density Functional Theory study on the Molecular Interactions between Choline chloride-Ethylene glycol based Deep Eutectic Solvents and CO₂. *International Conference Energy Transition: Challenges and Opportunities (IIChE-CHEMCON 2023)*, Indian Institute of Technology Kolkata, India, December 27-30.

Santra, M., Kunzru, D., Patel, S., & Rabari, D. (2024).

Quantum Chemistry Insights Behind The Formation of Iodide-Based Deep Eutectic Solvents. *International Conference on Green*

Technologies for Sustainable Development (GSTD)- 2.0, Nadiad, India, March 1.

Singhal, A. (2024). Preparation and Oxygen Evolution Reaction on Nanoporous Semi-Transparent La_{0.85}Sr_{0.15}CoO₃ Coatings: Stability and Mechanism in Neutral Medium. *18th Edition of International Conference on Catalysis, Chemical Engineering and Technology (CCT 2024)*, Paris, France, June 17-19.

Sonaiya, M., & Rai, A. (2024).

Triboelectric Nano Generators for Fault Diagnosis of Rotating Machines. *3rd International Conference on Nano-materials for Energy Conversion and Storage Applications*, Gandhinagar, India, February 21-23.

Srinivasan, R. (2023).

Fenton Process for the Abatement of Textile Dyes from Water: A Metal-Organic Framework-Assisted Approach. *Advanced Materials for Environmental Sustainability (AMES-2023)*, Manipal, India, October 12-13.

Srinivasan, R. (2024).

Treatment of Potential Pollutants from A Chemical Intermediates Industry via Advanced Oxidation Processes. *International Conference on Nano Structured Materials and Nanocomposites (ICN-2024)*, Kerala, India, May 10-12.

Vaidya, A., Nagar, S., & Nanavati, A. (2023).

Forecasting the Spread of Toxicity on Twitter. *IEEE 5th International Conference on Cognitive Machine Intelligence (CogMI)*, Atlanta, USA, November 1-4.

Vaidya, A., Nagar, S., & Nanavati, A. (2024).

Analysing the Spread of Toxicity on Twitter. *International Conference on Data Science & Management of Data*, Bangalore, India, January 4-7.

Venkataraman, H., Kaveshgar, M., Zaveri, M., & Raval, M. S. (2023).

Safety Measures in Two-Wheeler Mobility in Developing Countries. *IEEE R10 Humanitarian Technology Conference*, Rajkot, India, October 16-18.

INVITED LECTURES

Bhalodiya, J. AI Radiomics for Tumour Diagnosis. National Institute of Technical Teachers' Training and Research, Ahmedabad University, Ahmedabad, May 10, 2024.

Bhalodiya, J. Biomedical Advancements in Engineering - Artificial Intelligence (AI) for Medical Applications. National Institute of Technical Teachers' Training and Research Government Engineering College, Gandhinagar, September 25, 2023.

Bhalodiya, J. Conservation of Endangered Species. Doordarshan DD News Gujarati, Ahmedabad, May 21, 2024.

Bhalodiya, J. State of India's Birds. Doordarshan DD News Gujarati, Ahmedabad, August 31, 2023.

Chaudhary, S. Artificial Intelligence and Future Directions. Gujarat Vishwakosh, Ahmedabad, July 15, 2023.

Chaudhary, S. Artificial Intelligence in Agriculture. National Academy of Agricultural Sciences, Kochi, October 10-13, 2023.

Chaudhary, S. Perspectives from Academia & Research on Innovation and Standards. GeoSmart India 2023 Conference, Hyderabad, October 17-19, 2023.

Chaudhary, S. Scientific Fiction Writing. Nirma University, Ahmedabad, June 27, 2023.

Ganesan, A. Phononic Frequency Combs. Abdullah Gul University, Türkiye, Virtual, August 8, 2023.

Ganesan, A. Phononic Frequency Combs. Bournemouth University, UK, Virtual, October 18, 2023.

Ganesan, A. Phononic Frequency Combs. Cardiff University, UK, Virtual, December 6, 2023.

Ganesan, A. Phononic Frequency Combs. Chinese Academy of Sciences, China, Virtual, September 7, 2023.

Ganesan, A. Phononic Frequency Combs. Durham University, UK, Virtual, January 24, 2024.

Ganesan, A. Phononic Frequency Combs. East Carolina University, USA, Virtual, September 15, 2023.

Ganesan, A. Phononic Frequency Combs. Eidgenössische Technische Hochschule Zürich, ETH Zurich, Switzerland, Virtual, February 15, 2024.

Ganesan, A. Phononic Frequency Combs. Huazhong University of Science and Technology, China, Virtual, September 5, 2023.

Ganesan, A. Phononic Frequency Combs. Hunan Normal University, China, Virtual, August 3, 2023.

Ganesan, A. Phononic Frequency Combs. Indian Institute of Technology Delhi, Delhi, Virtual, February 20, 2024.

Ganesan, A. Phononic Frequency Combs. Indian Institute of Technology Gandhinagar, Gandhinagar, Virtual, February 7, 2024.

Ganesan, A. Phononic Frequency Combs. Lomonosov Moscow State University, Russia, Virtual, September 7, 2023.

Ganesan, A. Phononic Frequency Combs. Macquarie University, Australia, Virtual, August 23, 2023.

Ganesan, A. Phononic Frequency Combs. Nanyang Technological University, Singapore, Virtual, October 11, 2023.

Ganesan, A. Phononic Frequency Combs. Nicolaus Copernicus University, Poland, Virtual, January 12, 2024.

Ganesan, A. Phononic Frequency Combs. Ohio University, USA, Virtual, October 12, 2023.

Ganesan, A. Phononic Frequency Combs. RMIT University, Australia, Virtual, September 26, 2023.

Ganesan, A. Phononic Frequency Combs. St. Francis Xavier University, Canada, Virtual, October 6, 2023.

Ganesan, A. Phononic Frequency Combs. Technology Innovation Institute, UAE, Virtual, October 20, 2023.

Ganesan, A. Phononic Frequency Combs. Tel Aviv University, Israel, Virtual, December 4, 2023.

Ganesan, A. Phononic Frequency Combs. The Institute of Mathematical Sciences, Chennai, Virtual, September 20, 2023.

Ganesan, A. Phononic Frequency Combs. Tianjin University, China, Virtual, July 27, 2023.

Ganesan, A. Phononic Frequency Combs. University of Electronic Science and Technology of China, China, Virtual, September 14, 2023.

Ganesan, A. Phononic Frequency Combs. University of Lethbridge, Canada, Virtual, March 21, 2024.

Ganesan, A. Phononic Frequency Combs. University of Maryland, USA, Virtual, September 8, 2023.

Ganesan, A. Phononic Frequency Combs. University of Puerto Rico, Puerto Rico, Virtual, September 28, 2023.

Ganesan, A. Phononic Frequency Combs. University of Queensland, Australia, Virtual, August 25, 2023.

Ganesan, A. Phononic Frequency Combs. University of Science and Technology of China, China, Virtual, October 10, 2023.

Ganesan, A. Phononic Frequency Combs. University of Surrey, UK, Virtual, September 15, 2023.

Ganesan, A. Phononic Frequency Combs. University of the Balearic Islands, Spain, September 6, 2023.

Ganesan, A. Phononic Frequency Combs. University of the Witwatersrand, South Africa, Virtual, September 14, 2023.

Ganesan, A. Phononic Frequency Combs. University of Twente, Netherlands, Virtual, May 15, 2024.

Ganesan, A. Phononic Frequency Combs. University of Virginia, USA, Virtual, September 25, 2023.

Ganesan, A. Phononic Frequency Combs. University of York, UK, Virtual, October 13, 2023.

Ganesan, A. Phononic Frequency Combs. Utrecht University, Netherlands, Virtual, December 07, 2023.

Ganesan, A. Phononic Frequency Combs. Yeshiva University, USA, Virtual, October 17, 2023.

Ganesan, A. Phononic Frequency Combs. Zhejiang University, China, Virtual, August 04, 2023.

Ganesan, A. Phononic Frequency Combs. Institut National de la Recherche Scientifique, Canada, Virtual, September 13, 2023.

Kaveshgar, M. AIPLA-Cultivating Leaders. American Intellectual Property Law Association, Ahmedabad, April 22, 2024.

Kaveshgar, M. Connecting Safety: Harnessing ICT, Electronics, and IoT in Intelligent Transportation Systems. IEEE ITSS, Indian Institute of Information Technology, Sri City, May 8-17, 2024.

Kaveshgar, M. Innovation in Motion: Shaping the future of Transportation in Developing Countries. IEEE ITSS Gujarat Section, Gandhinagar, March 16, 2024.

Kaveshgar, M. ITS Cluster at Ahmedabad University. IEEE ITSS, Ahmedabad University, Ahmedabad, November 3-4, 2023.

Kaveshgar, M., & Razavi, S. Navigating Horizons: Empowering women and Young Professionals in ITS. IEEE Intelligent Transportation Systems Conference, Spain, September 24-28, 2023.

Nanavati, A. Network Analysis for Insights. Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, October 25, 2024.

Patel, D. Artificial Intelligence in Intelligent Transportation System. Sarvajani College of Engineering and Technology, Surat, April 5, 2024.

Patel, D. Machine/Deep/Reinforcement X Learning - Interdisciplinary Thinking. Silver Oak University, Ahmedabad, June 8, 2024.

Patel, K. Emerging Applications of Data Science and Analytics. Ahmedabad University, Ahmedabad, January 31, 2024.

Patel, K. Technology Use and Misuse: Cyber Safety First. Atal Tinkering Lab, Jeevan Bharti Trust, Surat, July 29, 2023.

Patel, S. Scalable Digitization of the Indian Classical and Folk Performing Arts. Department of Science and Technology, Pune. December 9, 2023.

Raval, M. AI Applications and Impact in Multidisciplinary Field. Charotar University of Science and Technology (CHARUSAT) University, Changa, December 22, 2023.

Raval, M. AI for the Benefit of the Society. Bhartiya Vigyan Sammelan 2023, Ahmedabad, December 24, 2023.

Raval, M. Anomaly Detection and Outliers Analysis. L D College of Engineering, Ahmedabad, February 21, 2024.

Raval, M. CNN and its Applications. Nirma University, Ahmedabad, July 4, 2023.

Raval, M. Deep Dive into Dimensionality Reduction. LDRP Institute of Technology and Research, Gandhinagar, March 15, 2024.

Raval, M. Dimension of Library Collaboration and Networking. Ahmedabad University, Ahmedabad, October 14, 2023.

Raval, M. Preparing for AI age: Ethics, Guardrails and Guidelines, AI for New Rooms. Data Leads, Ahmedabad, February 15, 2024.

Raval, M. Regression and Regularization. Nirma University, Ahmedabad, July 5, 2023.

Raval, M. Role of AI in Automation. Larsen and Toubro, Mumbai, March 11-12, 2024.

Raval, M. Sports Data Analytics using Computer Vision. IEEE Signal Processing Society NetSip 2023 - Robotics and Autonomous Systems Using AI-ML, Ahmedabad, August 26, 2023.

Raval, M. Technological Innovation: New Initiatives on Two Wheelers Safety. College of Engineering, Pune, December 16, 2023.

Raval, M. XAI in Overall Survival Days Prediction in Brain Tumor. L D College of Engineering, Ahmedabad, December 21, 2023.

Raval, M., & Zaveri, M. Next Gen Technologies for Investigating Road Traffic and Rule Violations. Indian Institute of Information Technology, Sri City, December 7-9, 2023.

Singhal, A. Conducting Metal Oxides as Active Oxygen Evolution Electrocatalyst. University of Lille, France, May 27, 2024.

Singhal, A. Rhodium Substituted Perovskite as an Active Oxygen Evolution Electrocatalyst. Indian Institute of Technology Gandhinagar, Gandhinagar, March 12, 2024.

Zaveri, M. Next Gen. Technologies for Investigating Road Traffic and Rule Violations at Roundabout. Indian Institute of Information Technology Sricity, Sricity, December 7-9, 2023.

Zaveri, M. Safety Measures in Two-wheeler Mobility in Developing Countries. 2023 IEEE 11th Region 10

Humanitarian Technology Conference (R10-HTC), Marwadi University, Rajkot, October 16-18, 2023.

RESEARCH WORKING PAPERS

Ganguli, A. Hydrodynamics and Heat Transfer in both side Heated Square Enclosure in Laminar Regime under Constant Heat Flux: CFD Analysis. SEAS-WP-CE-2024-01, Ahmedabad University.

Khan, A., Ganguli, A., Erdisinghe, M., & Dalvi, S. Microbubble Formation in Microfluidic Devices: Theoretical, Experimental and Numerical Investigations, Recent Advancements - A Review. SEAS-WP-CE-2024-02, Ahmedabad University.

VIDEOS

Naik, S. <https://www.youtube.com/@ShefaliTNaik>

Patel, K. <https://www.youtube.com/@SelfStudyTutorials>

IN MEDIA

Bhalodiya, J. Birds without Borders: Cattle Egret, the Clown Face Bird that Woos its Partner with Vibrant Hues. *The Indian Express*. July 6, 2023. <https://indianexpress.com/article/cities/ahmedabad/birds-cattle-egret-clown-face-8781527/>

Bhalodiya, J. Birds without Borders: In Flamingo Land of Gujarat, Sarus Cranes keep Singing their Love Songs. *The Indian Express*. August 2, 2023. <https://indianexpress.com/article/cities/ahmedabad/flamingo-land-gujarat-sarus-cranes-8873066/>

Bhalodiya, J. Birds without Borders: Indian Peafowl or Peacock, the Epitome of Beauty is a Demanding Partner. *The Indian Express*. August 23, 2023. <https://indianexpress.com/article/cities/ahmedabad/birds-without-borders-indian-peafowl-peacock-epitome-bauty-demanding-partner-8905311/>

Bhalodiya, J. Birds without Borders: Indian Vulture, the Hermits of Cliffs who Continue to live Precariously. *The Indian Express*. August 31, 2023. <https://indianexpress.com/article/cities/ahmedabad/birds-without-borders-indian-vulture-the-hermits-of-cliffs-population-8917494/>

Bhalodiya, J. Birds without Borders: Purple Sunbird, a Shiny-black Home Visitor. *The Indian Express*. July 20, 2023. <https://indianexpress.com/article/cities/ahmedabad/birds-without-borders-purple-sunbird-a-shiny-black-home-visitor-8850000/>

Bhalodiya, J. Birds without Borders: Red-vented Bulbul, a Finely Scaled Beauty Loyal to its Partner. *The Indian Express*. August 17, 2023. <https://indianexpress.com/article/cities/ahmedabad/red-vented-bulbul-a-finely-scaled-beauty-loyal-to-its-partner-8896873/>

Bhalodiya, J. Birds without Borders: Rose-ringed Parakeet, the Vehicle of Kamdev and Rati. *The Indian Express*. July 13, 2023. <https://indianexpress.com/article/cities/ahmedabad/rose-ringed-parakeets-vehicles-god-of-desire-8833183/>

Naik, S. Birds Without Borders: Black Kite, the Pigeon Hunter in your City. *The Indian Express*. September 13, 2023. <https://indianexpress.com/article/cities/ahmedabad/birds-without-borders-black-kite-pigeon-hunter-city-8938708/>

Naik, S. Birds Without Borders: Heard but rarely seen, the Asian Koel is a shy but Smart Bird. *The Indian Express*. August 9, 2023. <https://indianexpress.com/article/cities/ahmedabad/birds-without-borders-asian-koel-8883399/>

Naik, S. Indian Peafowl. *Navgujarat Samay*. September 10, 2023.

Naik, S. Spotted Owlet. *Navgujarat Samay*. December 3, 2023.

Naik, S. The Indian Golden Oriole. *Navgujarat Samay*. January 14, 2024.



AHMEDABAD DESIGN LAB

The Ahmedabad Design Lab, a pioneering initiative, is the central hub for research, practice, and teaching, dedicated to understanding and addressing complex societal challenges. It leverages design as an integrative force, seamlessly combining knowledge from various disciplines to foster innovative problem-solving.

The Lab seeks to create practical, equitable, and sustainable solutions by connecting design with ideas, methods, and knowledge from the University and society.

The Lab's engagement extends to industries and organisations, offering programmes and workshops that use design as a catalyst for managing change. It facilitates innovative solutions that drive progress by encouraging the industry to challenge the status quo.

PROGRAMME

UNDERGRADUATE

- Minor in Design

RESEARCH

AHMEDABAD
DESIGN LAB

BOOK CHAPTER

Kaveshgar, M., Shah, F., & Biswas, U. (2024). Safe and Risky Behaviour on the Road: Understanding Perspectives from Students of Ahmedabad University and Ahmedabad City. In R. C. Tripathi (Eds.), *Building a Resilient and Responsible World: Psychological Perspectives from India*, Singapore: SpringerNature.

CONFERENCE PRESENTATIONS

Shah, F. (2023). Driver Behaviour and Two Wheeler Safety: Causes of Road Accidents, Strategy and Possible Interventions. *IEEE ITSS Two-Wheeler Safety and Mobility Technology*, Ahmedabad, India, November 3-5.

Shah, F. (2023). Focus Group Brainstorming for Library Collaboration and Networking. *A Conclave on Library Collaboration and Networking in the New Age of the Digital World*, Ahmedabad University, India, October 14.

INVITED LECTURES

Shah, F. Master Class on Design Thinking, Talent Management and Organizational L&D Team. Zydus, Ahmedabad, February 2, 2024.

Shah, F. Training of Trainer on Design Thinking, Fashion Management Studies (FMS). National Institute of Fashion Technology (NIFT), Gandhinagar, July 7, 2023.

FACULTY ACHIEVEMENTS



FENIL SHAH

Associate Professor and Director

Conference Coordinator, Asia Pacific Innovation Conference, Ahmedabad University and CTIER, Ahmedabad, October 19 - 21, 2023

STUDENT ACHIEVEMENTS



SUJAL GHATTA

Bachelor of Business Administration (Honours), Accounting and Finance

As part of a graphic design and visual communication project, developed the brand name and brand identity for a hair extension company based in Ahmedabad. The client chose "Just Clip It" as the company's name.



SAUMYA KANSARA

Bachelor of Arts (Honours), Psychology

CENTRE FOR HERITAGE MANAGEMENT

The Centre for Heritage Management fosters critical engagement with heritage and strategic management interventions in various heritage sectors. It does so through academic programmes like its flagship Master's degree in Heritage Management; a Minor in Heritage Studies for Ahmedabad University's undergraduate students; short-term capacity-building programmes for governmental, non-governmental, and individual professionals like the International Workshop on Intangible Cultural Heritage and Sustainable Development, in partnership with UNESCO Bangkok and International Information and Networking Centre for Intangible Cultural Heritage (ICHCAP); research projects like the European Union-funded Cultural Heritage Venture Lab; a community-based Heritage Learning Lab and a technical conservation lab; and through outreach programmes like the annual International Conference series and the Journal of Heritage Management, among others.

Internationally, it is leading the way in reshaping heritage management education as an interdisciplinary field and currently hosts the secretariat of a university network called 'Asia Pacific Higher Education Network for Intangible Cultural Heritage' (APHEN-ICH). It has been on the executive boards of another university network supported by UNESCO and ICCROM-Asian Academy of Heritage Management (AAHM). Both the Centre and its faculty have been collaborating with UNESCO in offering several capacity-building programmes as well as MOOC courses. Its graduates have engaged with national agencies like INTACH, with international agencies like the National Parks Service of the USA through an international exchange programme and short-term consulting assignments, with the Aga Khan Trust for Culture in their field projects, and with several social organisations and academic institutions in India and abroad. Its diverse community of faculty, students, and collaborators make it a promising Centre for not only core academic and research activities but also for exchange programmes and innovations in the field of heritage management.

Working as the APHEN-ICH Secretariat

The Centre for Heritage Management has been leading the UNESCO and ICHCAP-supported university network titled 'Asia Pacific Higher Education Network for Intangible Cultural Heritage' (APHEN-ICH), as its secretariat headed by Professor Neel Kamal Chapagain. While in the past years, the Centre has hosted conferences and workshops for the network, during the last academic year, the Centre, as the secretariat, facilitated the hosting of an international field school as well as an international seminar on intangible cultural heritage in the Philippines in August-September 2023, in collaboration with the University of Santo Tomas. The conference was held in Manila whereas the field school was held in various locations in and around the city of Pampanga in the Philippines.

NEW FACULTY

A DAMODARAN

Visiting Professor

PhD in Economics, University of Kerala

MOLLY KAUSHAL

Professor and Director

PhD in Folklore, Moscow State University

PROGRAMMES

UNDERGRADUATE

- Minor in Heritage Studies

GRADUATE

- Master of Management Studies in Heritage Management

FACULTY ACHIEVEMENTS



NEEL KAMAL CHAPAGAIN
Professor

- Editorial Advisory Board Member: INTACH Journal of Heritage Studies (2023 - Present)
- Working Group Member: UNESCO-WHIPIC working group on the definition and scope of heritage interpretation and presentation (2023-24) and on drafting principles of heritage interpretation and presentation (2024-25)



A DAMODARAN
Visiting Professor

Appointed Member, 'Metaverse India Policy and Standards Committee', IIT Madras, April 2023.



MOLLY KAUSHAL
Professor and Director

- Advisory Board Member, Centre for Oral and Tribal Literatures, Sahitya Akademi, New Delhi (2023-2025)
- Advisory Board, Centre for Hindu Studies, Somaiya Vidya Vihar University, 2023-2025
- Expert Member, Organising Committee. International Ramayana Conference and Festival, Indian Council for Cultural Relations (ICCR) and Indira Gandhi National Centre for Arts (IGNCA)
- Member Expert Committee for the Development of Lord Krishna Museum at Dwarka, Gujarat



ADITYA KANTH
Assistant Professor

Awarded an International Scholarship for participation in 'FUSION2: Asia-Pacific', a painting conservation workshop, organised by The Art Gallery of New South Wales, Sydney, in collaboration with Getty.

EVENT

HERITAGE MANAGEMENT PRACTICUM SYMPOSIUM | AUGUST 23, 2023

During this symposium, the students who completed their heritage management practicum over the summer shared their insightful reflections on their field experiences, which were conducted in diverse regions across India. The symposium celebrated the students' accomplishments, while also highlighting the importance of hands-on learning and experiential education in the field of heritage management, and the critical role played by such practical experiences in nurturing well-rounded professionals in this domain.

PROJECT

The Centre for Heritage Management completed the project on 'The Living Heritage of Vadnagar: Documentation and Comparative Analysis', in collaboration with the Department of Tourism, Ionian University, Greece. The project, executed during the period December 2022 to October 2023, was funded by the Ministry of Culture, Government of India, and the Directorate of Archaeology and Museums, Sports, Youth and Cultural Activities Department, Government of Gujarat. The Principal Investigator for the project was Professor Aditya Prakash Kanth, while the Co-Principal Investigators were Professors Neel Kamal Chapagain and Ioannis Poullos.



WORKSHOPS

CONSERVATION WITH WORLD HERITAGE VOLUNTEERS IN COLLABORATION WITH ELIXIR FOUNDATION | AUGUST 12, 2023

The Centre, in collaboration with Elixir Foundation, welcomed the World Heritage Volunteers for a workshop on conservation where the participants learned how small actions today can build a greener tomorrow. The material conservation workshop at the Centre was led by project assistant Aditya Soni.



INTERNATIONAL WORKSHOP ON TEXTILES AND ARTS | JANUARY 5, 2024

The Centre, in collaboration with CDS Art Foundation, organised an International Workshop on Textiles and Arts. It was conducted by John ANG, AsianTextile Art Collector and Asian History Expert, and Cristina Mcknight Sethi, cultural leader, curator, educator, scholar, and writer, with expertise in the History of Textiles and Craft-based Media.



VEER BALAK UDYAAN PROJECT | APRIL 4, 2024

An Expert Committee meeting-cum-workshop on Veer Balak Udyaan project was held in hybrid mode to review the work done so far under this project by the Centre. This project aims to celebrate the valour and wisdom of children in India since ancient times. The workshop was held under the chairmanship of Dr Pankaj Sharma, Director of the Directorate of Archaeology and Museums, Gandhinagar, and was led by the project director, Professor Molly Kaushal, Director, CHM.

CONFERENCE

5TH ANNUAL CONFERENCE ON HERITAGE MANAGEMENT EDUCATION AND PRACTICE 'INTERSECTIONS OF HERITAGE ECONOMICS AND DIGITAL TECHNOLOGIES' | MARCH 15-17, 2024

In the context of the changing world in the post-pandemic era, as well as rapidly evolving technologies and economic interests, the heritage sector must look into the thread of heritage economics and digital technologies as a way forward. The chief guest of the inaugural session was Shri Ashwini Kumar, Principal Secretary of Urban Development and Sports, Youth and Cultural Activities, Government of Gujarat. The keynote address was delivered by Smt Mugdha Sinha, Joint Secretary, Ministry of Culture, Government of India. The Conference was sponsored by Indian Council of Social Science Research.



FIELD VISITS

URBAN HERITAGE MANAGEMENT - VISIT TO INDIAN INSTITUTE OF MANAGEMENT, BHADRA FORT AND PLAZA | MARCH 27, 2024

As part of the Urban Heritage Management course, the first year CHM students participated in field visits to the Bhadra Fort and Indian Institute of Management Ahmedabad, led by Adjunct Professor Krupa Rajangam. During the visit, the students learnt about the multiple stakeholders involved in any conservation or restoration project. They also interacted with Ashish Trambadia, Director of the Ahmedabad World Heritage City Trust.

HERITAGE IMMERSION COURSE VISIT TO BRAJ | NOVEMBER 26 - DECEMBER 1, 2023

The first year students of the Masters in Heritage Management programme completed their field immersion programme at Vrindavan. The students actively explored the intricate relationship between nature and culture within the heritage landscape and gained insights into the influences shaping Vrindavan's temple architecture. The immersion further delved into the intangible cultural heritage realm by exploring Sanjhi art and the enchanting notes of Dhrupad classical music.

FIELD TRIP TO VADNAGAR (MEHSANA) UNDER THE VADNAGAR PROJECT | OCTOBER 6-7, 2023

The first year students of CHM visited Vadnagar, Gujarat, as a part of their Heritage Workshop course led by project assistants of the 'Vadnagar' project at CHM, Kervi Vachhani and Reshma Nair. They visited some of the significant sites like the Archaeological site, Hatkeshwar Temple, Kirti Torans, and Sharmistha Lake, among other sites, and also interacted with the local communities of the town. The workshop course, which is being taught by Professor Aditya Prakash Kanth, aims to connect classroom learning with actual field reality in the broad framework of heritage and how divergent heritage discourses have emerged historically.

VISIT TO TEJGADH FOR AN INDIGENOUS KNOWLEDGE SYSTEMS MANAGEMENT COURSE | FEBRUARY 17 - 21, 2024

The first year students of the Master's programme travelled to Tejgadh, a village in the Chhota Udaipur district of Gujarat, as part of their course on Indigenous Knowledge Systems Management. The students explored the Adivasi Academy of Tejgadh, established by the Bhasha Research and Publication Centre of Vadodara.

EXPERIENCING SARKHEJ ROZA WITH A LENS OF URBAN HERITAGE MANAGEMENT | MARCH 29 - APRIL 1, 2024

As a part of their fieldwork for their course on Urban Heritage Management, the first year students visited Sarkhej Roza in Ahmedabad, exploring different aspects of the protected site like water supply, restoration, water drainage, governance, sanitation, street vendors, parking storm water drainage of Sarkhej Roza and Makarba Lake. The students learnt of a realistic approach to working out a Heritage Management Plan and urban planning from course faculty Professor Manvita Baradi of the Urban Management Centre.

VISIT TO LEARN ABOUT ARCHIVE MANAGEMENT AT HCP DESIGN, PLANNING AND MANAGEMENT, AHMEDABAD | MARCH 22, 2023

Students from the museum and archive management course, along with their faculty, Professor Aditya Prakash Kanth, visited HCP Design, Planning and Management at Ahmedabad to learn about Archive Management. The students witnessed the different stages of archiving and preserving documents, and had an opportunity to explore various 3D models like the Central Vista and Sabarmati River-Front Project.

VISIT TO CENTRE FOR ENVIRONMENT EDUCATION, AHMEDABAD | APRIL 10, 2024

The first year CHM students visited the Centre for Environment Education (CEE) as a part of their course, Nature and Environment Conservation and Management, along with the course faculty Dr Janki Shah. They engaged with Shriji Kurup, who provided insights on "Understanding Coastal Ecosystems and Heritage: Exploring Interaction". The students also interacted with Kartikeya V. Sarabhai, Director of CEE, on contemporary perceptions about heritage.



STUDENT ACHIEVEMENTS



POORNIMA KOTAGAL RUTUJA SAHASRABUDHE

Master of Management Studies in Heritage Management

Joint paper proposing heritage interpretation at the World Heritage Site of Ajanta was one of the five winning entries for the 2023 UNESCO-WHIPIC Youth Capacity Building Workshop. Both Poornima and Rutuja were invited to participate in the workshop in Seoul, South Korea, in November 2023.



GUEST LECTURES

Pankaj Sharma, Director, Directorate of Archaeology and Museums, Government of Gujarat, Gandhinagar. *Discussion on Museums, Its Marketing and Archaeological Sites*. September 4, 2023.

Vijay Dhasmana, Eco-restoration and Re-wilding Practitioner. *Rewilding: Our only hope for Healing our Landscapes*. September 29, 2023.

Siddharth Pandey, Fellow, Global Humanities, Kate Hamburger Centre for Advanced Study in the Humanities, Munich. *Highland affinities: Perception, Aesthetics and Every Day In the making of a British Himalayan*. October 19, 2023.

Anjali Capila, Vice President, Mountain India Peoples Forum Executive and Governing Board Member, Institute of Himalayan Environment Research and Education (INHERE) Kumaon Trustee, HIMCON, Tehri Garhwal. *Songs, Chants and Ethnographies: Glimpses of Riverine Cultures*. October 27, 2023.

Cristina Mcknight Sethi, Cultural Leader, Curator, Educator, Scholar, and Writer, History of Textiles and Craft-based Media. *Miracle of Folk Art*. January 5, 2024.

John Ang, AsianTextile Art Collector and Asian History Expert. *Rekindling Past Connection Between India and The Malay World through Textiles*. January 5, 2024.

Manvita Baradi, Founder and Director, Urban Management Centre, Ahmedabad. *Ahmedabad Heritage Management Plan-Preparation and Progress*. February 7, 2024.

Joyce Burkhalter Flueckiger, Professor Emerita, Department of Religion, Emory University, USA. *Memory, Movement, and Belonging on Mullingar Hill: Oral Histories and Heritage of a Himalayan Hill Station*. February 12, 2024.

Ravindra Khandwala, Director, Directorate of Archaeology and Museums, Government of Gujarat, Gandhinagar. *Temple Economy of India*. April 5, 2024.

Sonal Mansingh, Padma Vibhushan Awardee, Hon'ble Member of Parliament Rajya Sabha, Delhi. *My Journey Through Dance*. April 10, 2024.

RESEARCH

CENTRE FOR HERITAGE MANAGEMENT

STUDENT PRESENTATIONS

Kotagal, P., & Sahasrabudha, R. (2024). Digital Technologies as a Tool for Interpretation and Presentation of Heritage Sites: A proposal for Ajanta Caves, Maharashtra. *5th Annual Conference on Heritage Management Education and Practice*, Ahmedabad University, India, March 15.

Kotagal, P., & Sahasrabudhe, R. (2023). Interpreting Ajanta: An Immersive Experience to Engage Diverse Communities and Visitors. *UNESCO WHIPIC Youth Capacity-Building Training for World Heritage Interpretation and Presentation*, Seoul, November 14.

Sahasrabudhe, R. (2023). Connecting Skills and Knowledge in Value-Chain Method for Crafts Documentation: A Case Study of Tambat Ali, Pune. *Bridging*

Epistemically Divides in Cultural Heritage Protection: An exercise in confrontation and conversation, European University Institute, Florence, May 8-9.

Tated, A. (2023). Engagement in Museums Dealing with Difficult Pasts: A Focus on Conflictarium, Partition Museum, and ESMA Museo Sitio de Memoria. *ICOM CECA International Committee for Education and Cultural Action Annual Conference*, Singapore. November 20-24.

Tated, A., & Purohit, S. (2023).

Preserving the Harmony: Addressing Challenges in Representing Music as a Knowledge System in Museums. *National Annual Conference Museums Association of India 2023*, Mehrangarh Museum, Jodhpur, India, August 4-6.

STUDENT PUBLICATIONS

Kotagal, P. (2023). Mula-Mutha Riverfront Development Leaves Pune's Native Communities out of the Picture. *Citizen Matters*. <https://citizenmatters.in/mula-mutha-riverfront-development-pune-impact-on-ecology-livelihoods-communities/>

Doraibabu, M., & Bhulla, K. Adm Ronald Lynsdale Pereira A Visionary Leader and an Icon of Integrity. Taskmaker, September Edition.

Sen, S. (2023). Role of Intangible Attributes of Heritage in Disaster Risk Reduction. In K. C. Jigyasu (Ed.), *Routledge Handbook on Cultural Heritage and Disaster Risk Management* (20-29), London: Routledge.

Shukla, J. Good Practices on Sustainable Development through Traditional Crafts. <https://www.unesco-ichcap.org/wp-content/uploads/2023/07/Good-Practices-on-Sustainable-Development-through-Traditional-Crafts-.pdf>

Shukla, J. Mutva Embroidery from Kutch, India. UNESCO ICHCAP. <https://www.unesco-ichcap.org/mutva-embroidery-from-kutch-india/>

BOOKS

Kaushal, M. (2024). *Lori: Lullabies of India*. Delhi: Indira Gandhi National Centre for the Arts.

Kaushal, M. (2023). *Maati*. NMCM Newsletter. Delhi: Indira Gandhi National Centre for the Arts.

Kaushal, M. (2024). *Rangoli: Floor Decorations of India*. Delhi: Indira Gandhi National Centre for the Arts.

BOOK CHAPTERS

Kaushal, M. (2024). Ramayana: Aesthetic Journey of the Civilization. In A. Johansson (Ed.), *Illumination from the Ramayana (xxiii-xlii)*, New Delhi: Niyogi Books & MOSA.

Poulios, I., & Saltouridou, D. (2023).

Inclusion and Sensory Accessibility in Hotels and its Importance for Branding. In A. Kavoura, T. B. Tiago, & F. Tiago (Eds.), *Strategic Innovative Marketing and Tourism* (731-738), Switzerland: Springer Nature.

JOURNAL ARTICLES

Chapagain, N. K. (2023). Heritage Conservation in Postcolonial India: Approaches and Challenges. *Planning Perspectives*, 38(4), 915 – 917. <https://doi.org/10.1080/02665433.2023.2224177>

Chapagain, N. K. (2023). Scope and Limitations of Heritage-Based Resilience: Some Reflections from Nepal. *Built Heritage*, 7(12), 1-11. <https://doi.org/10.1186/s43238-023-00094-0>

Damodaran, A. (2023). From Non-Fungible Tokens to Metaverse: Blockchain Based Inclusive Innovation in Arts. *Journal of Innovation and Development*, Taylor & Francis, 14(2), 383-402. <https://doi.org/10.1080/2157930X.2023.2180709>

Kanth, A. P., & Soni, A. K. (2023). Application of Nanocomposites for Conservation of Materials of Cultural Heritage. *Journal of Cultural Heritage*, 59, 120-130. doi.org/10.1016/j.culher.2022.11.010

Kanth, A. P., Sawant, M., & Ragde, R. (2024). Cannabis Sativa (Hemp)–An Eco-Friendly Material for Heritage Conservation and a Sustainable Environment. *Journal of Cultural Heritage Management and Sustainable Development*. Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JCHMSD-12-2022-0206>

CONFERENCE PROCEEDINGS

Chapagain, N. K. (2023). Communities in World Heritage Interpretation and Management: From Recognition to Active Participation. *2023 World Heritage Interpretation and Presentation International Forum: Inviting Wider Participants to World Heritage Protection*, Seoul, South Korea, November 15. 84-95.

Damodaran, A., Naik, S., & Purohit, J. (2023). Effectiveness of e-Crossword Puzzle Tool in the Multidisciplinary Course for the Undergraduate Students. *Proceedings of the 16th Annual ACM India Compute Conference*, University of Hyderabad, India, December 9-11. 37-42.

CONFERENCE PRESENTATIONS

Chapagain, N. K. (2023). Intangible Cultural Heritage Safeguarding and Transmission through Education. *APHEN-ICH International Conference on ICH Safeguarding and Transmission*, University of Santo Tomas, Manila, August 1.

Chapagain, N. K. (2023). Foodways as Living Heritage for Sustainable Livelihoods: Some Observations from South Asia. *International Food Atlas and Digital Platform for Safeguarding, Promoting and Transmitting Foodways to Future Generations- Inception Phase-Scoping Workshop*, UNESCO, Virtual, October 30-31.

Chapagain, N. K. (2023). Perceptions of Change and Resilience in the Post-2015 Earthquakes in Nepal. *ICOMOS General Assembly and Scientific Symposium*, Sydney, Australia, August 31 - September 8.

Chapagain, N. K. (2024). Accounting for 'Non-traditionals' in the Traditional Built Environments of the Himalayas. *Conference of the International Association for the Study of the Traditional Environments (IASTE 2024)*, Riyadh, Saudi Arabia, January 5-9.

Damodaran, A., & Naik, S. (2023). Effectiveness of e-Crossword Puzzle tool in the Multidisciplinary Course for the Undergraduate Students. *COMPUTE '23*, University of Hyderabad, India, December 9-11.

Kanth, A. (2023). Attenuated Total Reflectance and Micro-Raman Spectroscopy for Detection of Chemical Transformation in Wall Paintings. *15th Infrared and Raman Users Group (IRUG) Biennial Conference*, Tokyo, Japan, September 26-29.

Kanth, A. (2023). Integrating Indian Knowledge System in Museum Conservation Education: Scopes and Challenges. *Museum Association of India-Annual Museums' Conference 2023*, Jodhpur, India, August 4-6.

Kaushal, M. (2023). International Heritage Charters and Cultural Landscapes of India. *International Conference on India and the European Union: Confluence, Connectivity, and Cooperation*, Jawaharlal Nehru University, India, September 17-18.

Kaushal, M. (2023). Making of a Mahakavya: Text, Orality and Performance. *UNMESHA: International Literature Festival*, Sahitya Academy, Bhopal, India, August 3-6.

Kaushal, M. (2023). Nuala Ritual Exploring it as an Architectural Rite and Comparing it with Vastu Purusha Mandala. *Locational Perspective of Evolution of Culture, Knowledge and Wisdom in India*, Jawaharlal Nehru University, India, November 3-4.

Poulios, I. (2023). Peace and Tourism: Insights from Gandhi Ashram, Ahmedabad, India. *Festival of Peace through Tourism*, Northampton University, UK, September 26.

Poulios, I. (2023). Community Empowerment in Living Heritage: Challenges for the Present and the Future. *International Symposium on Localized Inheritance of Living Heritage*, Guizhou Province, China, November 24-27.

Poulios, I., & Saltouridou, D. (2023). Inclusion and Sensory Accessibility in Hotels and its Importance for Branding. *10th International Conference on Strategic Innovative Marketing and Tourism: Current Trends and Future Outlook*, Zakynthos, Greece, September 22-26.

Poulios, I., Avramidou, S., & Mavragani, E. (2023). Peace Tourism in Greece: Emerging Trends and Sustainable Prospects. *1st Intocus International Conference on Tourism And Cultural Heritage: Resilience, Sustainability and Transformation*, Athens, Greece, March 8-9.

INVITED LECTURES

Chapagain, N. K. Competence Framework for Cultural Heritage Management and Academic Programmes. UNESCO Bangkok and ICOMOS General Assembly 2023 Scientific Symposium, Sydney, August 31 - September 8, 2023.

Chapagain N. K. Mountain Architecture and Sustainable Development: Heritage Perspectives. Kathmandu University, Nepal, April 25, 2023.

Chapagain N. K. Communities in World Heritage Interpretation and Management: From Recognition to Active Participation. UNESCO Category 2 Centre for World Heritage Interpretation and Presentation (WHIPIC), Seoul, South Korea, November 15, 2023.

Chapagain N. K. Culture, Heritage and Development in the Global Frameworks. Architecture and Design of Built Environment (ADoBE'23): International Colloquium on Defining Regional Strategies for the Confluence of Culture and Development, Woxsen University, Hyderabad, October 31, 2023.

Chapagain N. K. Intangible Cultural Heritage and Education. 2023 International Conference on Intangible Cultural Heritage, University of Santo Tomas, Philippines, August 1, 2023.

Chapagain N. K. Introduction of the Venice Charter: Historic Contexts. ICOMOS Nepal & Department of Archaeology, Kathmandu, April 18, 2024.

Chapagain N. K. Introduction to the Discourse of Intangible Cultural Heritage (ICH) and the Asia Pacific Higher Education Network for ICH (APHEN-ICH). Central Department of Nepalese History, Culture and Archaeology, Tribhuvan University, Nepal, December 24, 2023.

Damodaran, A. Transitioning to a Digital Economy- The Opportunity and the Execution. 3rd Edition Global Economic Policy Summit, Confederation of Indian Industry (CII), New Delhi, December 8, 2023.

Kanth, A. Brainstorming Session on Art Conservation. Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (CSMVS), Mumbai, February 28, 2024.

Kanth, A. Gel Cleaning of Paintings. Indian Institute of Heritage, Noida, May 7-11, 2024.

Kaushal, M. Language, Knowledge Systems and Identity. Ghumantu Samudayon ki Bhashik Sampada. Janjatiya Lok Kala avam Boli Vikas Parishad, Mandu, Madhya Pradesh, December 24-26, 2023.

Kaushal, M. Safeguarding ICH through State and Community Collaboration. A Case Study of Ramman in Garhwal. Adivasi Academy, Tejgarh, Gujarat, January 30, 2024.

Kaushal, M. The Indian Myth and Environmental Consciousness. What has it to do with Sustainable Ecologies? L D Museum, Ahmedabad, October 13, 2023.

IN MEDIA

Damodaran, A. AI can Transform School Education, Minimise Drudgery to Improve Quality. *Business Standard*. September 20, 2023. https://www.business-standard.com/opinion/columns/ai-can-transform-school-education-minimise-drudgery-to-improve-quality-123092000543_1.html

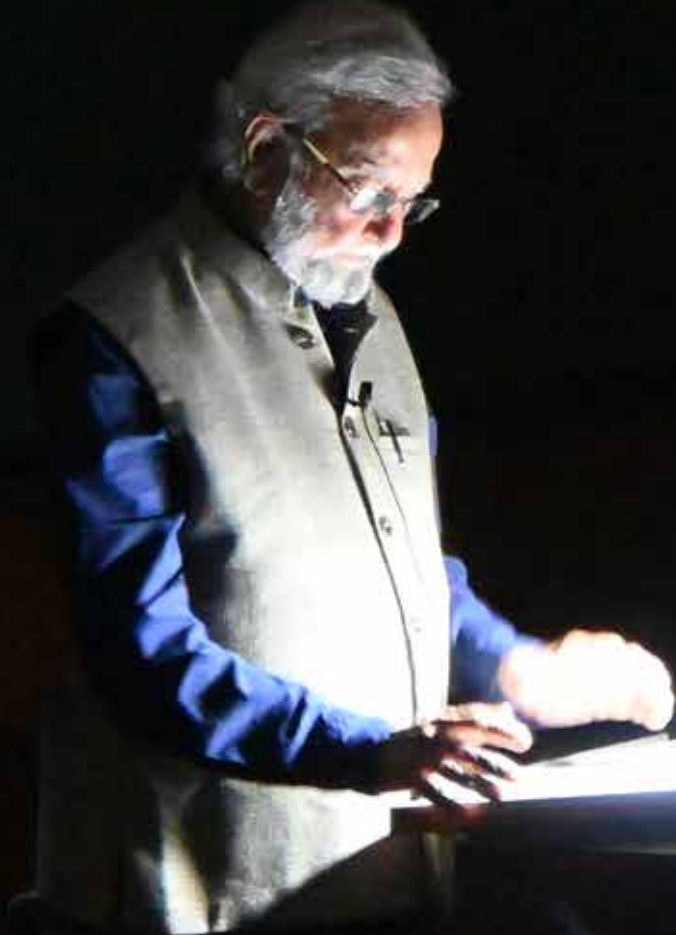


CENTRE FOR INTER-ASIAN RESEARCH

Established in August 2021, the Centre brings together scholars and practitioners to reimagine the Inter-Asian century, spanning areas such as modes of everyday living, forms of organisation, institution and network creation, technology development and deployment, economic and social decision-making, reimagining political and economic structures, and experimenting with diverse artistic forms. Through collaborative research projects and courses with partner institutes across Asia, the Centre is committed to advancing supple and innovative ideas about 'region' and 'neighbourhood.'

Why Inter-Asian Research

Over 60 per cent of the world's population today lives in Asia, but one is unaware of the relationships between Asian nations and each other's cultures and societies. This lack of knowledge is alarming in a context where big regional problems, such as political, economic, cultural, or social, require mutual understanding and cooperation. India is one of the most prominent nations in Asia and has one of the largest educational systems. Strangely, no research centre in India focuses on Asia, necessitating the need for intellectual leadership for India and the region.



PROGRAMMES

ASIA ONLINE

Asia Online is the online arm of Centre for Inter-Asian Research committed to achieving interdisciplinary research and teaching that surpasses national boundaries. Asia Online provides a web-based platform for institutional and individual collaborations and interactions, including semester-long courses on comparative Asian perspectives through collaborations with Asian universities and short-duration courses.

List of Courses

- SPS 500, "India and China in Comparative Historical and Socio-political Perspective," co-taught by instructors from Lingnan University, Hong Kong, and Ahmedabad University
- Short-duration: "Women's Voices from South Asia," taught by eminent singer Shruthi Veena Vishwanath

EVENT

BOOK TALK

Gunja SenGupta, Professor, Brooklyn College and the Graduate Center of the City University of New York, USA, and Awam Amkpa, Dean, Arts and Humanities and Vice Provost, Arts, New York University, Abu Dhabi. *Sojourners, Sultans, and Slaves: America and the Indian Ocean in the Age of Abolition and Empire*. January 9, 2024.

CONFERENCE

14TH INTER-ASIA CULTURAL STUDIES SOCIETY CONCLAVE

The Centre hosted the Inter-Asia Cultural Studies Society's Biennial Conclave, which returned to India after a gap of more than fifteen years. The conclave witnessed the participation of 176 distinguished delegates from over 80 institutions with representation from India, Bangladesh, Singapore, Hong Kong, Indonesia, South Korea, Thailand, Tajikistan, the Philippines, Taiwan, Australia, and countries in Europe and North America.

The event celebrated the richness of global cultural perspectives represented in various activities, including paper presentations, a book talk and launches, film screenings, art screenings, plenary sessions and talks, and field visits fostering an engaging and immersive exchange of knowledge and ideas.

Themed 'Post-Pandemic Futures: Re-mapping Inter-Asian Routes,' the conclave heralded a new form of scholarly networking towards transforming old norms and fostering new modes of knowledge exchange. The event prepared the ground for new conversations about how to collectively shape the future of what it means to do inter-Asia cultural studies in the complex, unequal, and divided world of today.

RESEARCH PROJECTS

DIGITAL INTIMACY: YOUNG WOMEN AND SOCIAL TRANSFORMATION IN ASIA

An ongoing multi-sited research project looking at college-going women in Bangalore, Singapore, Hong Kong, and Guangzhou to understand how digital technology use in Asia in the past ten years shaped their lives in these aspiring "smart" cities. The project team is writing a monograph to consolidate and present the project's findings, insights, and scholarly contributions in a comprehensive and accessible format.

RE-ORIENTING TASTE: EATING AND HEALING IN INDIAN AND CHINESE MEDICINE

The Centre launched the Re-Orienting Taste Project with a two-day in-person workshop in 2021 to explore the similar philosophies of Ayurveda and Traditional Chinese Medicine (TCM) and their influence on the region's culinary traditions. It seeks to initiate a dialogue between Indian and Chinese medical systems with food as the anchor. In 2024, the project team travelled to Taipei and Hong Kong to inaugurate the Chop Chat Eat Heal initiative co-hosted by National Central University, Taiwan, and engaged with the actual food design process through touch, taste, and smell.

USABLE PASTS, SUSTAINABLE FUTURES

The project revisits and brings into renewed circulation historically effective practices that can help mitigate climate change by generating new interdisciplinary conversations around forms of urban living in the 21st century as they relate to the issues of climate change and public health. The team documented the knowledge gathered into an edited full-length book report, which has now been added to the CIAR knowledge resources.



KNOWLEDGE PLATFORMS

INDIAN OCEAN AND BEYOND: OUTWARD BOUND FROM GUJARAT

Webinar and publication series, in collaboration with the Centre for Indian Studies in Africa (CISA), University of Witwatersrand, Johannesburg, South Africa, began in July 2022. The second edition, launched during the academic year 2023–2024, covers a range of research themes pivoted around the Indian Ocean and its littoral.

- **Lakshmi Subramanian**, Birla Institute of Technology and Science Pilani, Goa. *Reconstructing Histories of Predation and Piracy in India's Western Littoral, c. 18th – 19th Century*. October 27, 2023.
- **Ismail Fajrie Alatas**, New York University, USA. *Commemorating Jāwa: Arabic Moral Imaginaries of Southeast Asia*. November 24, 2023.
- **Ghulam A. Nadri**, Georgia State University, USA. *Commodity Production, Commerce, and Capitalism in Eighteenth-Century Surat*. January 25, 2024.
- **Krishnendu Ray**, New York University, USA. *Pān Flows against the Gradient of Power*. February 23, 2024.
- **Pimmanus Wibulsilp**, Chulalongkorn University, Bangkok. *The Ghadar Movement and the Indian Diaspora in Thailand, 1914–1917*. March 29, 2024.
- **Lakshmi Pradeep**, The International Institute for Asian Studies, Leiden. *Stories of Corals from the Lakshadweep Islands of India*. April 26, 2024.
- **Subah Dayal**, New York University, USA. *From Golkonda to Siam: Secret Letters, Envelopes, and Diplomatic Crisis in the Mughal Port-city*. May 31, 2024.

MEDICAL HUMANITIES IN INTER-ASIA

The research network focuses on the constitutive presence of medical modernity in Asia through a variety of perspectives, both historical and contemporary. The interdisciplinary projects are informed by the tents of anthropology, psychology, psychoanalysis, history, literary studies, and food studies. The network members gathered on June 27–28, 2024, for a workshop with the following focus areas:

- **Culture in Medical Modernity**
Tejaswini Niranjana, Director, Centre for Inter-Asian Research, Ahmedabad University, India
- **Re-Orienting Taste: Eating and Healing in Indian and Chinese Medicine**
Anumitra Ghosh Dastidar and Shalini Krishan, Edible Archives, India
- **Revisiting Socialism, Medicine/Care and the Chinese Cultural Revolution**
LIN, Chien-Ting, Department of English, National Central University, Taiwan
- **Housewifization: Care With/out Sex in East Asia Televisual Texts**
Naifei Ding, Professor, Department of English, National Central University, Taiwan
- **Subjectivity in South Asia**
Sabah Siddiqui, Krea University, India
- **Democracy as Care for Zhu-ti-xing/Subjectivities: Twenty Years of the Losheng (Happy Life) Movement**
Hsing-Wen Chang, Ambedkar University, India
- **Hygiene, Modernity, and Motherhood: Health Examination of Wet Nurses during the Early Republic of China**
Wendy TRAN Thi Thu Huong, National Tsinghua University, Taiwan
- **Understanding Subject Formation of Hong Kong from Cantonese-soup Making Practices in the Family Kitchen**
Chan Chor See, Ahmedabad University, India



PERCEPTIONS OF RISK IN THE HIMALAYAS

The webinar series critically interrogates how notions of "risk" shape the materiality, geopolitics, cultural articulations, history, and perceptions of the Himalayas. Through a year-long, multidisciplinary conversation featuring earth scientists, anthropologists, artists, historians, and ecologists, the Centre generates new insights and questions about the Himalayas as a region and risk as a concept.

- **Shubhra Sharma**, Physical Research Laboratory. *The Emergent Himalayas: Geology, Vulnerability, and Disasters*. December 8, 2023.
- **Aditi Saraf**, Utrecht University, Netherlands. *Trading on High Ground: Risk and Regulation in Kashmir*. January 3, 2024.
- **Fidel Devkota**, Kathmandu University, Nepal. *Implication of Climate Change in the Himalayas: Case Study from Lo Mustang*. February 6, 2024.
- **Kyle Gardner**, Atlantic Council. *Borderless Risks in Himalayan Geopolitics, Past and Present*. April 2, 2024.
- **Sayantani Mukherjee**, Ashoka University. *Risky Business: A Critical Rethinking of Land, Imperial Capital, and British "Failures" in the trans-Himalayas*. May 7, 2024.

SOUTH ASIA IN THE SOUTH CHINA SEA

The webinar series and research collaboration co-hosted by the Network of South Asia Scholars at the Department of History, University of Hong Kong (HKU) and the Department of Anthropology, Chinese University of Hong Kong (CUHK). It brought together scholars from diverse disciplinary backgrounds working at the intersection of South, South East, and East Asian studies to broaden and move beyond the traditional boundaries of their respective fields.

- **Ping-hsiu Alice Lin**, Harvard University, USA. *In Pursuit of Royal Blue: Geographies of Relatedness in the Indian Ocean*. January 18, 2024.
- **Madhavi Thampi**, Institute of Chinese Studies. *The Chinese Seamen's Wartime Service Corps in India, 1942-45*. February 15, 2024.
- **Brian Tsui**, The Hong Kong Polytechnic University, Hong Kong. *When Culture Meets State Diplomacy: the Case of Cheena Bhavana*. March 21, 2024.
- **Tansen Sen**, New York University, Shanghai. *Temple Heritage of a Chinese Migrant Community: Movement, Connectivity, and Identity in the Maritime World*. May 9, 2024.
- **Sunil Amrith**, Yale University, USA. *Beyond Determinism? Rethinking the Asian Monsoon as a Connecting Force*. May 23, 2024.

RESEARCH

CENTRE FOR INTER-ASIAN RESEARCH

CONFERENCE PRESENTATIONS

Amir, S. (2023). An Egyptian Female Saint Across Time and Space: Rethinking Vulnerability in the Indian Ocean. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

Das, S. (2023). Of Mobile Landscapes and Immobile People: Reckoning with Landslides and Environmental Precarity in the Eastern Himalayas. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

Deo, A. (2023). Listening to Music in India in the Age of Platforms. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

Jha, M. (2023). Sea Sovereigns: State Building on the Bay of Bengal, 1500 – 1700. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

Mathew, L. (2023). 'Women's Education Mobilities'. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad, India, July 27-29.

Niranjana, T. (2023). Digital Intimacy: Young Women and Social Transformation in Asia. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

Singh, S. (2023). Mapping Contention: Collocating calls for #BoycottBollywood. *14th Inter-Asia Cultural Studies Society Conclave (IACS)*, Ahmedabad University, India, July 27-29.

INVITED LECTURES

Niranjana, T. Digital Intimacies. RV University, Bangalore, March 26, 2024.

Niranjana, T. Digital Intimacies, Gendered Modernities. Lingnan University, Hong Kong, June 3, 2024.



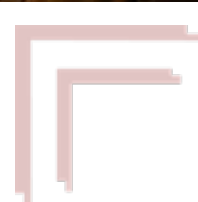
CENTRE FOR LEARNING FUTURES

The Centre for Learning Futures (CLeF) designs and implements initiatives to support teaching and learning at the University. The Centre offers academic reading and writing courses and workshops in study skills. Through its Learning Initiatives, the Centre offers opportunities for curricular experimentation and pedagogic innovation as platforms for integrating learner-centric technological solutions in higher education.

PROGRAMME

POST GRADUATE DIPLOMA IN TRANSLATION AND CREATIVE WRITING

- The Programme combines skills in Literary Translation, Creative Writing, and Publishing using a variety of online courses, offline workshops, and hands-on studios.



FACULTY AND STAFF ACHIEVEMENTS



PALLAVI NARAYAN
*Director, Ahmedabad Writing
Programme
Associate Professor of Practice,
School of Arts and Sciences*

A short story, 'Red and Gold: A Literary Fiasco', has been published in The Best Asian Short Stories 2023, edited by Anitha Devi Pillai and published by Kitaab in Singapore.



JUHI BANSAL
Senior Associate Director

Facilitated and moderated the workshop, "Fostering Digital Skills: Integrating Micro-Credentials for Employability-Driven Future in Higher Education," organised by German International Cooperation (GIZ) in New Delhi under the Digital Skills to Succeed in Asia project. The workshop aimed to enhance digital skills among young people by integrating AI and Data micro-credentials into higher education curricula.

STUDENT ACHIEVEMENTS



ADITI DASGUPTA

PG Diploma in Translation and Creative Writing

Selected for a translation workshop in New Delhi, jointly led by the Ashoka Centre for Translation and SALT: South Asian Literature and Translation at the University of Chicago.



JOSHUA GNANASEKARAN

PG Diploma in Translation and Creative Writing

Published his translated book *Caste Away*, a collection of essays by N.A. Vanamamalai



ROHITH MEESARAGANDA

PG Diploma in Translation and Creative Writing

Contributed translated piece in 'Varavara Rao: A Life in Poetry', an anthology of poems published by Penguin Random House, India.



SONAKSHI SRIVASTAVA

PG Diploma in Translation and Creative Writing

Translated Harishankar Parsai's 'Pehla Safed Baal'. It is published by ASAP Art, supported by the Alkazi Art Foundation.



VARSHA TIWARY

PG Diploma in Translation and Creative Writing

Shortlisted for the Mozhi Prize 2023 for her translation of the story 'Rafoojee'.

GUEST LECTURES

Rita Kothari, Head, Department of English, Ashoka University. *Uneasy Translations: Self, Experience and Indian Literature, Interweaves*. September 9, 2023.

Joshua Muiywa, Poet. *All his Moving Parts*. October 20, 2023.

Linda Hess, Scholar and Translator. *The Bijak of Kabir*. October 21, 2023.

Álvaro Salazar, Lecturer, Universidad Católica de Temuco, Chile. *Translation Practice and the Theories Used by Contemporary Chilean Writers*. November 1, 2023.

Akshita Nanda, Author. *Beauty Queens of Bishan*. November 8, 2023.

Namrata Kartik, Editor and Poet. *Aspects of Academic Writing and Editing*. January 20, 2024.

Chandrabhas Choudhury, Author. *Writing Fiction*. February 3, 2024.

Manjiri Indurkar, Poet. *Memoir Writing*. February 7, 2024.

Abhimanyu Acharya, Writer and **Pallavi Narayan**, Associate Professor of Practice, Ahmedabad University. *Writing Bilingually: What Translating One's Workcan Teach about Writing*. February 9, 2024.

Chandrabhas Choudhury, Author. *The Value(s) of a Literary Education: Beauty, Truth, Language, Freedom, and Democracy*. March 28, 2024.

SEMESTER END EXHIBITIONS

The Semester End Exhibitions provide a platform for students and faculty to showcase the diverse outputs from their courses, marking the conclusion of the semester. In the past year, between November 22, 2023, and April 10, 2024, over 50 courses were conducted, with 230 unique project outcomes exhibited.

ENGAGEMENT AND APPLICATION BASED LEARNING AND EDUCATION (ENABLE)

The unique framework facilitates learning by engaging students with their context and environment and applying concepts to real-world problems. It empowers students to take charge of their learning through various techniques, with faculty acting as facilitators. In the past year, the Centre offered 95 courses over two semesters, which engaged 3,053 students.

ENABLE courses for 2023-24 included:

- Air Quality
- Analysing Corporate Annual Report
- Artificial Intelligence
- Behavioural Lab I
- Biomimicry With Playfulness
- Business to Business Marketing
- Catalysis and Catalytic Processes
- City as Text
- Cloud Computing
- Computer Vision
- Conversational Japanese - I
- Culturing the Voice
- Dark Side of Organisation
- Data Analytics and Visualisation
- Design Thinking and Problem Solving
- Design, Innovation and Making
- Digital Futures: Technologies and Transformations
- Digital Humanities
- Digital Marketing
- Drawing
- Electronics and Magnetic Circuits and Devices
- Electronics Workshop
- Embedded Systems Design
- Environment and Sustainability
- Evolutionary Biology
- Fundamentals of Design
- Health Psychology
- Heritage and Business: Designing Heritage Experiences
- High Speed Computer Architecture
- History of the Social
- Human Computer Interaction
- Identity, Inequality and Difference
- Innovation, Design and Business Models
- Inside Indian Music
- Interaction Design and User Experience
- Interactive Media and Visualisation
- Internet of Things
- Introduction to Blockchain: Technologies, Approaches and Applications
- Introduction to Plant Biology
- Introduction to Research Methodology
- Journalism and Engaging with Media
- Laboratory Physics - Electromagnetism
- Laboratory Physics - Optics
- Living Heritage Approach and Sustainable Development
- Luxury Marketing
- Nonlinear Dynamics
- Organisational Behaviour
- People Analytics
- People Practices and Decision Making
- Pollution Control
- Product Realisation
- Science Communication using Digital Media
- Seeing Photographs
- Sensation and Perception
- Simulation Modeling
- Social Network Analysis
- Solar Thermal Energy
- State and Society
- Strategic Branding and Packaging Design
- Strategy for Management of Cultural Organisations in a Changing World
- Supply Chain Management
- Sustainability and Circular Economy
- Theatre and Society
- Thermodynamics - II
- Thought Experiments - Posthuman Prospects
- Urban Heritage Management
- Urban Informal Economy
- Venture Studio Fellowship
- Visual Communication and Graphic Design
- Within the World of Cities



LEARNING COALITION

The Centre has set up a collaborative workshop, Learning Coalition, to advance the practice of project-based and experiential learning courses. It organises a series of workshops covering several aspects of teaching and learning with faculty from all schools.

- In 2023-24, 80 and 35 Foundation Programme faculty participated in the Learning Coalition in the Monsoon Semester on July 13-14 and Winter Semester on February 14, 2024, respectively.
- Teaching with Simulations: A hands-on workshop in collaboration with Harvard Business Publishing Education organised on November 1, 2023. Faculty explored single player quick-play simulations to competitive multi-week capstone simulations and global and regional trends for adoption of stimulation in their courses.

INDEPENDENT STUDY PERIOD

The Independent Study Period (ISP) at Ahmedabad University allows students to explore their passions and go beyond the classroom, making their academic learning interdisciplinary and conceptual understanding more experiential. Themed 'Grand Challenges, the Centre designed ISP 2023 around societal problems ranging from food production, oil spills, and urbanisation. Over 200 students enrolled for ten courses delivered by visiting experts and in-house faculty members.

Course Code	Academic Year 2023-2024
ISP076	Learn How to Make an Impactful Documentary
ISP067	Clues "The Truth Finder" Solving the Crime
ISP097	"Ocean Explorers - Concerns and Solutions"
ISP116	BiodiverCity: Prototyping Fauna Habitat in Urban Areas
ISP122	Paperwise Crafting Sustainability in Paper Pulp
ISP117	Building a Fluidic Neurocomputer
ISP124	Ultimate Course on Drone Building and Flying
ISP115	Thermodynamics from Historical War
ISP127	Exploring Soil-less Farming to Address Global Food Security
ISP129	Paperwise Crafting Sustainability in Paper Pulp

GENERAL SKILL ASSESSMENT

The Centre designs the General Skill Assessment to evaluate student's English proficiency and identify gaps between the skills acquired at the school level and those required for University studies. Nearly 954 students participated in this evaluation.

NEW FACULTY PROGRAMME

The Centre orients and inducts the new faculty about the University's academic world and its opportunities for them. The Centre also conducted sessions on course design. Nearly 16 new faculty members across schools attended the workshops, comprising 13 sessions.

TEACHING ASSISTANTS ORIENTATION PROGRAMME

The Centre conducts a two-day orientation programme, comprising a series of workshops, for the incoming batch of Teaching Assistants (TAs). Held on July 24, 2023, and February 19, 2024, the Centre conducted sessions on managing a classroom, library, and Learning Management System. The Centre also facilitated one-on-one meetings of the TAs with their respective faculty for area-specific training. A total of 125 Teaching Assistants attended the workshops conducted by 30 Facilitators.





COURSE DESIGN INSTITUTE

The two-day workshop, under the Ahmedabad Learning Dialogues umbrella, held on April 6 - 7, 2024, focused on designing interdisciplinary courses emphasising experiential learning, experimentation, and research-based approaches. Fourteen academic practitioners from various institutions across India participated. The workshop featured seven intensive sessions on topics, including integrating interdisciplinary ideas, designing hands-on projects, implementing interactive pedagogies, and creating assessments.

AHMEDABAD GRAND CHALLENGES PROGRAMME

The unique programme, designed for outstanding Grades X, XI, and XII students, immerses them in an academically rich environment, the culture and ethos of a liberal education-based research university. Twenty-four high school students nationwide participated in an eight-day on-campus programme from June 29 to July 6, 2024. Students worked on a real-life challenge based on air quality by looking at the problem from different disciplinary lenses and then worked on solutions in teams.

WRITERS' STUDIO

Under this initiative, trained journalism, communication, and management professionals give detailed and personalised feedback on students' writing. Dedicated to refining academic writing skills, specifically focusing on creating an expository essay, the Studio delivers comprehensive instructions, fostering holistic and scholastic guidance. The Studio also supports faculty members with their research writing. Over the past year, the Studio's specialists reviewed three faculty papers and guided 1046 students.



LANGUAGE LAB

Language Lab enhances students' academic presentation skills. Through a structured process, students learn to initiate topics, conduct thorough research using scholarly sources, assimilate information, and present it effectively. In the past year, 1096 students participated in the lab.

THE CONVERSATION LAB

The Conversation Lab improves students' listening skills, critical thinking and analysis, conversation skills, and interpretation abilities. In the past year, 429 students participated in the lab.

DIGITAL CURVE

Digital Curve brings the power of computation and digital technology to bear on all aspects of teaching, learning, and research. The initiative houses the Digital Lab, a dedicated space for students to work on digital technology and new media projects. The initiative offered four digitally intensive interdisciplinary courses with 450 students in the past year.

Interactive Media and Visualisation

The course trains students to create various forms of interactive media like timelines, network graphs, maps, non-linear text stories, websites, and visualisation dashboards. They learn creative coding, enabling them to craft custom visualisations, animations, and generative art.

Digital Humanities

This course informs students of transdisciplinary research to equip them with the ability to hypothesise and 'critically-make' new media projects.

Science Communication Using Digital Media

The course trains students to bridge the gap between complex scientific concepts and popular understanding of science through explanatory science illustrations created using digital tools and software.

Digital Futures: Technologies and Transformations

The course introduces students to the socio-political and economic realities of information communication technology (ICT) of entertainment and commerce in India.

ILLUSTRATED SCIENCE

Illustrated Science Magazine curates the semester-long efforts of undergraduate students in science communication using the digital media course. The students who have contributed to the magazine include Krishali Shah, Pranav Prabhu, Pratix Ruparel, Malav Dhruv, Krish Kotecha, Nutan Kain, Subramanya G. Gouda, Yuvan Sutaria, Krishi Bhojani, Vraj Mehta, Hetvi Joshi, and Suyashi Pradhan.

The latest edition of the magazine covers articles on a wide range of subjects, such as Atmospheric Chemistry, Engineering, Material Science, Cellular Biology, Animal Physiology, Cancer Biology, Applied Genetics, Public Health, Ecology, Plasma Science, and Astrophysics.



WRITING RESIDENCY

The Writing Residency is a two-week to a month-long fellowship offered by the Ahmedabad Writing Programme, encouraging cultural exchange amongst writers writing in different languages. It includes workshops, readings, and conversations with writers about their creative process and writing craft.

The programme hosted two acclaimed writers, Anukruti Upadhyay and Radhika Iyengar, for the first iteration of the residency scheduled during April 15-30, 2024.

RESEARCH | CENTRE FOR LEARNING FUTURES

BOOK

Niranjana, T. (2024). *Mithun Number Two and Other Mumbai Stories*. New Delhi: Westland Books.

Shah, B. *Teaching Using Interactive Media and Generative AI*. Faculty Development Programme, Delhi Public School RK Puram, New Delhi, February 26, 2023.

INVITED LECTURES

Narayan, P. *Dreaming Objects: Orhan Pamuk's Museum of Innocence*. Centre for Studies in Social Sciences, Calcutta, February 14, 2024.

Narayan, P. *In Search of Self: Journeys of Identity and Personal Growth*. Ahmedabad International Literature Festival 2023, Ahmedabad, November 25-26, 2023.

Niranjana, T. *Musical Traces: Indian-Chinese Musical Crossings*. New York University, USA, October 20, 2023.

Niranjana, T. *Women Writing in Ind: Looking Back, Looking Forward*. Anveshi Centre for Women Studies, Osmania University, Hyderabad, December 14-15, 2023.

Shah, B. *Leveraging Technology, Mainly Artificial Intelligence (AI) to our advantage*. Faculty Development Programme, Rajkumar College, Rajkot, June 20, 2024.





GLOBAL CENTRE FOR ENVIRONMENT AND ENERGY

The Global Centre for Environment and Energy produces interdisciplinary research to advance the scientific understanding of climate change mitigation and adaptation with a strong focus on sustainable development, including, and especially, equity, poverty alleviation, clean air, energy security, and employment.

Professor Minal Pathak was the co-author of a chapter in the Global Emissions Trends In Emissions Gap Report 2023: Broken Record – Temperatures hit new highs, yet world fails to cut emissions (again), released by the United Nations Environment Programme (UNEP). The report highlights that while temperature has broken records continuously, the global GHG emissions and the atmospheric concentrations of carbon dioxide have set new records in 2022.

Professor Pathak and Research Associate Shaurya Patel were also the lead authors of the Climate Technology Progress Report 2023: Speed and Scale for Urban Systems Transformation, released by the UNEP Copenhagen Climate Centre.

The Centre welcomed Wagner Niklas, a visiting doctoral student from the University of Bonn, who studied at Ahmedabad University from October 2023 to January 2024.

PROGRAMMES

UNDERGRADUATE

- Minor in Environment and Sustainability

DOCTORAL

- PhD in Management (Climate Change/Energy/Environment)

FACULTY AND STAFF ACHIEVEMENTS



SHAURYA PATEL

Research Associate

- Selected for the Global Youth Training Programme led by Oxford Net Zero, University of Oxford, and Global Youth Coalition.
- Selected as the Contact Point for the Mitigation Working Group, YOUNGO (Official Children and Youth Constituency), UNFCCC. Reviewed the Youth Stocktake Report for YOUNGO in 2023 and submitted it to the UNFCCC.
- Translated the Working Group I Summary for Policymakers from the Sixth Assessment Report (AR6) of the Intergovernmental Panel on Climate Change into Hindi, which was included in a high school teacher education and resource guidebook in 2023.



MINAL PATHAK

Associate Professor

- Appointed Member of the Scientific Steering Committee, Climate Technology Progress Report, UNEP Copenhagen Climate Centre, and United Nations Framework Convention on Climate Change (UNFCCC) Technology Executive Committee (TEC).
- Appointed Member, Scientific and Pedagogical Committee, Office of Climate Education, France.
- Attended the UNEP Gap Report Lead Author Meeting in Copenhagen in August 2023.



PRIYADARSHI SHUKLA

Distinguished Professor

Chair, Global Centre for Environment and Energy

Recognised in the World's Top 2% Scientists list for 2023 by Stanford University.



ADITYA VAISHYA

Assistant Professor

- Appointed Member of the Scientific Organising Committee of the URSI Regional Conference on Radio Science (URSI – RCRS 2024).
- Appointed Member of the Steering Committee of WeATHER and Climate Hackathon (WATCH) organised by the US Consulates in Hyderabad and Mumbai.
- Appointed Review Editor on the Editorial Board of Frontiers in Environmental Engineering – Air Pollution Management.

EVENTS

SUSTAINABILITY SEMINAR SERIES

Rupa Dawane, Head, Water, Environment and Sanitation, JSW Foundation, Mumbai. *Unveiling the Impact: A Critical Examination of Corporate Social Responsibility (CSR) Initiatives*. November 1, 2023.

Erik Solheim, Former Minister of Climate and the Environment, Norway. *Finding Hope Amidst Climate Emergency – Actions that Make a Difference*. November 7, 2023.

Kamlesh Vyas, Chairman, Atomic Energy Commission, Government of India. *Current Status and Prospects for Nuclear Energy for Clean, Green and Developed India*. November 22, 2023.

Niklas Wagner, Junior Researcher and Doctoral Candidate, University of Bonn, Germany. *The Role of Legitimacy in Urban Climate Action Plans: Insights from Four Global Cities*. December 8, 2023.

WORKSHOPS

BLUE CARBON ECOSYSTEM | JANUARY 22-25, 2024

The Blue Carbon Workshop, organised in partnership with the United Nations Ocean Decade Programme for Blue Carbon (GO-BC) and Gujarat Institute of Desert Ecology (GUIDE), mobilised experts to explore blue carbon science, with a focus on mangrove ecosystems and their role in climate mitigation. It was supported by the UK Department for Environment, Food and Rural Affairs (DEFRA).

NET ZERO STRATEGY FOR GUJARAT | APRIL 3, 2024

The workshop, jointly organised by Ahmedabad University and the Council on Energy, Environment, and Water (CEEW) with support from the UNEP Copenhagen Climate Centre, aimed to develop a Net Zero strategy for Gujarat.

KEY GRANTS

Implementation of Net Zero Strategies for Gujarat State (2023-24)

United Nations Office for Project Services and UNEP Copenhagen Climate Centre
Minal Pathak

Research Sub-Agreement between Imperial College, London, United Kingdom and Ahmedabad University, India

Imperial College, London
Minal Pathak

Air Quality Assessment Over Ladakh

Space Applications Centre (SAC), Indian Space Research Organisation (ISRO)
Aditya Vaishya

STUDENT ACHIEVEMENT



SHRUTIKA PARIHAR

Doctoral Student, Environment and Sustainability

- Received the Best Poster Award for "Paving the Way for Sustainable Development" on Blue Carbon and Restoration of Mangroves.
- Received the "Best Oral Presentation Award" at the G20 India 2023 National Conference on "Water and Environment: Challenges and Opportunities for Sustainable Development" (NCWE'2023) organised by Gujarat Institute of Desert Ecology, Bhuj, Kachchh, Gujarat, India.

RESEARCH

GLOBAL CENTRE FOR
ENVIRONMENT AND ENERGY

BOOK

Mukherjee, S., & Pathak, M. (2024).
Birds at Ahmedabad University.
Ahmedabad: Ahmedabad University.

JOURNAL ARTICLES

Agrawal, K., Pathak, M., Jana, K., Unni, J., & Shukla, P. (2024). Just Transition Away From Coal: Vulnerability Analysis of Coal Districts in India. *Energy Research & Social Science*, 108, 103355. <https://doi.org/10.1016/j.erss.2023.103355>

Lin, C., Ceburnis, D., Vaishya, A., Trubetskaya, A., Tan, Y., Wang, T., Smith, W., Johnson, R., Xu, W., Monaghan, Rory, F. D., O'Dowd, C., & Ovadnevaite, J. (2023). Air Quality - Climate Forcing Double Whammy from Domestic Firelighters. *npj Climate and Atmospheric Science*. 6(101), 1-8. <https://doi.org/10.1038/s41612-023-00427-x>

Parmar, M., Vaishya, A., Ojha, N., Pandya, M. R., & Girach, I. A., (2024). Addressing Observational Gaps in Aerosol Parameters using Machine Learning: Implications to Aerosol Radiative Forcing. *Atmospheric Environment*, 333, 120661 <https://doi.org/10.1016/j.atmosenv.2024.120661>

Pathak, M., Patel, S. & Some, S. (2024). Climate Change Mitigation and Sustainable Development Goals: Evidence and Research Gaps. *Plos Climate*, 3(3), e0000366. <https://doi.org/10.1371/journal.pclm.0000366>

Singh, A., Raj, S. S., Panda, U., Kommula, S. M., Jose, C., Liu, T., Huang, S., Swain B., Pöhlker, M.L., Villegas, E.R., Ojha, N., Vaishya, A., Bigi, A., Ravikrishna, R., Zhu, Q., Shi, L., Allen, J., Martin, S.T., McFiggans, G., Andreae, M. O., Pöschl, U., Coe, H., Bianchi, F., Su, H., Kanawade, V.P., Liu, P., & Gunthe, S.S. (2023). Rapid Growth and High Cloud-Forming

Potential of Anthropogenic Sulfate Aerosol in a Thermal Power Plant Plume During the Covid Lockdown in India. *npj Climate and Atmospheric Science*. 6(109), 1-12. <https://doi.org/10.1038/s41612-023-00430-2>

Singh, P., Vaishya, A., & Rastogi, S. (2023). Investigating Changes in Atmospheric Aerosols Properties Over the Indo-Gangetic Plain During Different Phases of Covid-19-Induced Lockdowns. *Environmental Science and Pollution Research*, 30(1007), 100215-100232. <https://doi.org/10.1007/s11356-023-29449-x>

CONFERENCE PRESENTATIONS

Abdullah, H. B., Singh, P., Vaishya, A., Prasad, P., & Rastogi, S. (2023). Decadal Trend of Black Carbon Aerosols at a Semi-Urban Location in the Central IGP. *Indian Aerosol Science and Technology Association (IASTA- 2023 Conference)*, Mumbai, India, December 12-14.

Pathak, M., & Agrawal, A. (2024). Implication of the Net-zero Transition: Alternate Pathways for India's Power Sector. *India Sustainable Growth Conference, London School of Economics*, London, UK, May 3-4.

Singh, P., Vaishya, A., & Rastogi, S. (2023). Effect of Covid-19 Restrictive Measures on Aerosols in the Indo-Gangetic Plain Region. *Indian Aerosol Science and Technology Association (IASTA- 2023 Conference)*, Mumbai, India, December 12-14.

INVITED LECTURES

Agrawal, K. Climate Justice Series: Resource Extraction and Energy Equity. Centre for Global Energy Policy, Columbia University, USA, Virtual, March 1, 2024.

Agrawal, K. International Dialogue on Facilitating People-centred Transitions towards Net-Zero and Climate Resilient Development. Germanwatch and WRI India, Berlin, Virtual, April 4, 2024.

Patel, S. Empowering Climate Education: Engaging Student and Youth-Led Organisations. MTV Pavilion at CoP28, Dubai, December 8, 2023.

Pathak, M., & Shah, S. Climate Action in Ahmedabad, India: Opportunities and Challenges. Adaptation Futures Conference, Canada, Virtual, October 2-6, 2023.

Pathak, M. Climate Action in Ahmedabad City: A missed opportunity? Aalborg University, Denmark, Virtual, October 9, 2023.

Pathak, M. Climate Change Mitigation in the Context of Sustainable Development. World Climate Research Programme, Kigali, October 23-27, 2023.

Pathak, M. Economic Diversification of Regions Moving Away from Coal. South Africa pavilion at CoP 28, Dubai, December 6, 2023.

Pathak, M. Equity as a Key Element of Climate Action. UNESCO The World Academy of Sciences (TWAS), Trieste, Italy, May 14-16, 2024.

Pathak, M. Insights from AR6 and Knowledge Gaps for AR7 (WGII, WGIII). IPCC Event on Energy and Industry at CoP 28, Dubai, December 5, 2023.

Pathak, M. Key Insights from UNEP's 2023 Emissions Gap Report and SEI's Production Gap Report for the European Commission. Directorate-General for Climate Action (DG CLIMA), Brussels, Virtual, November 20, 2023.

Pathak, M. Workshop on Development of Net Zero Roadmaps for the States. NITI Aayog, Ahmedabad, October 19, 2023.

Pathak, M. Climate Change Mitigation, IIT Kanpur, Virtual, August 21-25, 2023.

Pathak, M. Towards Net Zero Emissions in Cities: Closing Gaps in Knowledge and Actions. Sustainability Seminar, IIT Gandhinagar, February 15, 2024.

REPORT

Patel, S. (2023). *Contribution to the Mitigation and Climate Peace & Security Section of Global Youth Statement.* YOUNGO – Official Youth Constituency of the UNFCCC, CoP28, Dubai, UAE.

IPCC AND UN REPORTS

Lamb, W., & Pathak, M. (2023). Chapter 2. *Global Emissions Trends In Emissions Gap Report 2023: Broken Record – Temperatures Hit New Highs, Yet World Fails to Cut Emissions (again).* United Nations Environment Programme, Nairobi, Kenya. <https://doi.org/10.59117/20.500.11822/43922>

Pathak, M., Dhar, S., Munshi, T., & Patel, S. (2023). *The Climate Technology Progress Report 2023: Speed and Scale for Urban Systems Transformation.* UNEP Copenhagen Climate Centre and UNFCCC Technology Executive Committee (TEC). <https://unepccc.org/climate-technology-progress-reports/>

PODCAST AND TV INTERVIEWS

TWASvideos Scientists from all over the world should be involved with the IPCC, says Minal Pathak. June 10, 2024. <https://www.youtube.com/watch?v=DUPP0tF5zM4>

IN MEDIA

Agrawal, K., Pathak, M., Unni, J., & Shukla, P. Kutch Among Districts Highly Vulnerable to Coal Phaseout. *The Times of India*. January 3, 2024. <https://timesofindia.indiatimes.com/city/ahmedabad/kutch-among-highly-vulnerable-districts-to-coal-phaseout-study/articleshow/106499349.cms>

Pathak, M. 'Era of Global Boiling' Warns UN Chief As Earth Nears Tipping Point'. *SheThePeople*. July 28, 2023. <https://www.shethepeople.tv/news/global-boiling-earth-nears-tipping-point>

Pathak, M. Climate Change Killed Thousands of Emperor Penguin Chicks in Antarctica Last Year. *Mint Lounge*. August 29, 2023. <https://lifestyle.livemint.com/news/talking-point/climate-crisis-emperor-penguin-chicks-antarctica-111693291958200.html>

Pathak, M. The Challenge at COP28 Really is to Have Clean Language Saying "Phase Out" all Fossil Fuels. *Down To Earth*. November 27, 2023. <https://www.downtoearth.org.in/interviews/climate-change/the-challenge-at-cop28-really-is-to-have-clean-language-saying-phase-out-all-fossil-fuels-minal-pathak-93005>

INTERNATIONAL CENTRE FOR SPACE AND COSMOLOGY

The Centre drives cutting-edge research in the areas of Space, Astrophysics, and Cosmology; trains the next generation of researchers; advances the public understanding of the Physics domain; and disseminates important developments in these areas amongst the general public. The Centre conducts outreach to encourage young students to consider a research career in Space and Cosmology and provide them with information regarding opportunities in these areas.

FACULTY ACHIEVEMENT



PANKAJ JOSHI

Distinguished Professor of Physics and Director

- Listed in the World's Top 2% Scientists by Stanford University, 2023.
- Appointed as Convener at Indian National Science Academy, Gujarat and Rajasthan Region. He will continue as convener of Ahmedabad for the next three year term w.e.f. 01.04.2024 to 31.03.2027 as requested by the president of INSA.
- Nominated among Top 10 scientists from India and from Indian Origin for the year 2023 in the annual issue of Indian Science Monitor 2023 by Indian Science Monitor.
- Nominated as Editor of Physical and Material Sciences, Proceedings of the Indian National Science Academy (INSA), New Delhi, September 2023 onwards.

WORKSHOP

AI AND COSMOLOGY: FRONTIERS FOR THE NEXT DECADE | APRIL 27, 2024

The Centre hosted a workshop featuring a pedagogical presentation by Dr Benjamin Bose, Stephen Hawking Fellow at the University of Edinburgh, on 'Machine Learning, Dark Energy, and Gravity.' The event explored the current boundaries and innovations within cosmology in the domain of Artificial Intelligence and Machine Learning.

INTERNATIONAL COLLABORATIONS

Next-generation Event Horizon Telescope, hosted by Harvard University, USA, and International Collaborations on Horizon Scale Gravity

The Centre fostered valuable collaborations with international partners to enhance the scope and impact of their work. Research students and members of the Centre (Saurabh, Parth Bambhaniya) are working on the project entitled "Tests of GR and the Kerr hypothesis" initiated by the ng-EHT group.

Large Synoptic Survey Telescope (LSST) Dark Energy Science Collaboration (DESC)

The LSST DESC is the largest dark energy collaboration in the world, primarily based at Stanford Linear Accelerator Center in Stanford. Oem Trivedi, a student and research team member of the Centre, has been an active part of the collaboration and is an integral part of the Lambda Cold Dark Matter group.

Wide Field Spectroscopic Telescope Science Team

This is an international collaboration of cosmologists and astronomers worldwide working towards the commissioning and proper outlay of the wide field spectroscopic telescope. Oem Trivedi, a student and research team member of the Centre, is an integral part of the cosmology group. He has been working on various aspects of using the WST for testing various theories of the late universe and was one of the authors of the WST White paper <https://arxiv.org/abs/2403.05398>

Cosmic Explorer Consortium

The CE Consortium is a collaboration of cosmologists and astronomers worldwide working towards the next generation of ground-based gravitational wave observatories. Oem Trivedi, a student and research team member of the Centre, is an integral part of the dark sector subgroup of the collaboration.

European Cooperation in Science and Technology (COST) Action Cosmoverse

The cosmoverse is a working group for cosmology set up under the European Union's COST Action for intellectual progress. The collaboration houses some of the finest minds in theoretical cosmology and has various astronomers and beyond. Oem Trivedi, a student and research team member of the Centre, is an integral part of the WG3, a research working group for the fundamental physics under the COST Action Cosmoverse Collaboration.

Outreach

A group from the Centre visited Jeevan Bharti Astronomy Club, Surat, to organise a sky gazing programme for 500 school students. Parth Bambhaniya, Research Associate, delivered a talk on 'Life of Stars and Black Holes'.

STUDENT ACHIEVEMENT



OEM TRIVEDI

Bachelor of Science (Honours), Physics

- Felicitated with the "Pride of MP" Award by the Madhya Pradesh government. He was initially recognised for the award in 2022 and was conferred the honour in September 2023.
- Conferred member status for the "SouthEastern European Network for Mathematical and Theoretical Physics," becoming only the third Indian to be a part of this group and the youngest ever member as well.

RESEARCH

INTERNATIONAL CENTRE FOR
SPACE AND COSMOLOGY

STUDENT PRESENTATION

Bhattacharya, K. (2023). New Horizons and Singularities in Gravity. *10th International Conference on Gravitation and Cosmology*, Indian Institute of Technology Guwahati, India, December 6-9.

BOOKS

Joshi, P. S. (2023). *Pankaj Joshi and Stephen Hawking*. Ahmedabad: Divya Bhaskar-Utsav.

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Choudhury, S. (2023). Measurement of Extinction and Reddening. *Workshop on astronomy-themed Experiments*, Inter-University Centre for Astronomy and Astrophysics, Pune, India, August 8-12.

Choudhury, S. (2024). What Does the Study of FUV Bright Star Clusters in the Magellanic Bridge Reveal? *42nd Annual Meeting of the Astronomical Society of India, Bengaluru*, India, January 31-February 4.

INVITED LECTURES

Bambhaniya, P. Life of Stars and Black Holes. Atal Tinkering Lab Jeevan Bharti, Surat, February 28, 2024.

Goswami, G. Self Interactions of Ultra-light Bosonic Dark Matter. Physical Research Laboratory, Ahmedabad, August 8-10, 2023.

Joshi, P. S. Astroquest: New Insights into the Universe. Story of Black Holes. Pandit Deendayal Energy University, Gandhinagar, February 20, 2024.

Joshi, P. S. Changing Paradigms in Black Hole Physics. Theory of Relativity Seminar, University of Warsaw, Poland, January 19, 2024.

Joshi, P. S. In Search for Cosmic Exotica: Black Holes and Spacetime Singularities. St. Xavier's College, Ahmedabad, May 27, 2024.

Joshi, P. S. Singularities and Cryptographic Censorship. Interview by Thomas Lewton, New Scientist Channel, Virtual, May 24, 2024.

Joshi, P. S. The Event Horizon and Beyond - Celebrating 50 Years of Narayan. Harvard University, USA, June 11-13, 2024.

Joshi, P. S. Vedic Science: Global Applications. Banaras Hindu University, Varanasi, January 27, 2024.

Trivedi, O. Asymptotic Safety and Tsallis Holographic Dark Energy: Crossing Phantom Divides and Instability Issues. Harvard University, USA, July 7, 2023.

Trivedi, O. On the Secrets of the Universe and the Indian Inputs. Ek Bharat Shrestha Bharat Series, Indian Institute of Technology Indore, July 5, 2023.

Trivedi, O. Rips and Other Future Scenarios with Holographic Dark Energy. Harvard University, USA, May 1, 2024.

FILMS

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PHYSIOTHERAPY COLLEGE FOR THE VISUALLY IMPAIRED

The Physiotherapy College for the Visually Impaired is spread over two campuses in Ahmedabad – at the Blind People's Association at Vastrapur and The School for the Deaf and Mute Society at Navrangpura. These campuses support the Programme with space for three simultaneous learning sessions, including a science lab that houses 3D human anatomy models, a library with audio material, and a recording studio (at Blind People's Association). Each campus has a dedicated sighted physiotherapist and full-time as well as visiting faculty to guide students. Education is completely free and includes tuition fees, accommodation, and food. A Physiotherapy Clinic that treats people at nominal charges also functions under this Centre.

Started in August 2005, the Diploma Programme in Physiotherapy was designed to meet modern-day physiotherapists' requirements and included computer literacy. The Programme endeavours to build the careers of visually impaired learners and transform them into professionals ready to meet society's challenges. In 2023-24, 10 students enrolled in the Programme cleared their exams.



SAHYOG: CENTRE FOR PROMOTING HEALTH

Ahmedabad University's Bagchi School of Public Health and Self Employed Women's Association (SEWA) forged a synergistic partnership to establish Sahyog: Centre for Promoting Health, inaugurated on January 10, 2024, at Ahmedabad University. The collaboration has combined strengths in health promotion, research, training, epidemiology, community empowerment, and outreach. Sahyog embodies the essence of its name, which signifies an active partnership between learners and communities.

VISION

- Improve health, wellness, equity, and environmental sustainability locally, nationally, and globally.
- Promote health equity by prioritising underserved communities, focusing on healthy lifestyles that promote wellness, primary prevention, and early detection of critical illnesses.
- Foster health and equity through sustainable solutions by informing and inspiring people and organisations to take bold steps, advocate to change norms, and inspire others.
- Drive behavioural change to promote healthy lifestyles and create environments conducive to good health and wellness, which includes environmental sustainability.
- Empower individuals and communities to lead healthier and more fulfilling lives.

MISSION

Improve health through evidence-based messages and viable, sustainable, and scalable initiatives, especially for poor and underserved communities.

AIM

Inform and empower people, communities, and organisations to make healthy, sustainable choices and inspire others.



OVERVIEW

- The Centre conducted assessments of obesity status, blood pressure, and blood glucose for all interested participants at the inaugural event.
- The Centre organised four cervical cancer screening camps during the cancer awareness month of February. These camps also included education and awareness sessions focusing on cancer. Training sessions were conducted in local languages to ensure a thorough understanding of concepts.
- Between January and July 2024, the Centre conducted 24 screening and diagnosis camps for Hypertension and Diabetes, which screened 1256 members in hard-to-reach urban slums and rural areas.
- **Education and Awareness:** The Centre trained the cadre of SEWA Health Ambassadors (SHAs) on several topics, including non-communicable diseases, diet and nutrition, climate-related illnesses, and routine immunisation to disseminate messages in the communities during household visits and community meetings. The activity aimed to drive a behavioural change and ensure that members focus on preventive care and early care-seeking behaviour.



EVENTS

PANEL DISCUSSION: PATHWAYS FOR HEALTH PROMOTION: WHAT CAN WE DO TO KEEP HEALTHY? | JANUARY 10, 2024

The Centre organised a panel discussion featuring distinguished experts, including Dr Sujatha Rao, former Union Secretary of the Ministry of Health and Family Welfare, Government of India; Dr Sunny Swarnkar, Deputy Assistant Director General, Non-Communicable Diseases (NCD), Directorate General of Health Services, Ministry of Home and Family Welfare; Dr Rajendra Gadhave, Assistant Professor at B. J. Medical College and International Consultant for the World Health Organisation, Ahmedabad; Dr Sameer I. Dani, Cardiologist to the Governor of Gujarat, CEO of Apollo CVHF Heart Institute, Ahmedabad, and Director of Cardiology at Apollo Hospitals, Gandhinagar; Sudha Vasudevan, Senior Scientist and Head of the Department of Foods, Nutrition, and Dietetics Research at Madras Diabetes Research Foundation, Chennai; and Kaumudi Joshipura, Dean of the Bagchi School of Public Health.

The discussion focused on lifestyle diseases and the importance of physical activity. The panel emphasised the critical role of health promotion and policy in addressing lifestyle-related diseases and the importance of effective communication strategies in public health initiatives, particularly for combating NCDs.

RESEARCH SYMPOSIUM: CLOSE THE GAP: CANCER PREVENTION AND SCREENING | FEBRUARY 23, 2024

Panelists discussed various aspects of cancer-related mortality and preventive strategies using data-driven insights. Dr Vishal Choksi, an eminent cancer surgeon, described the epidemiological aspects of cancer, especially head and neck cancer, in India and its prevention. Professor Vivek Tanavde, Ahmedabad University, explored the molecular aspects of early diagnosis of cancers, especially oral cancer. Dr Bhavesh Parekh, a renowned Oncologist, discussed the preventive aspects and global scenario for cancer screening/early diagnosis.



VENTURESTUDIO

VentureStudio is an innovation and startup incubation centre at Ahmedabad University. It was established in collaboration with Stanford University Design School, in 2011. Since its inception, the Centre has supported more than 150 startups in diverse science and technology domains such as Healthcare, BioTechnology, Life Sciences, Medical Devices, Diagnostics, Engineering, Agriculture, Fintech, Hardware, Industry 4.0, and Enterprise Software, among others.

In 2017, the Centre was chosen to support BioIncubation activities in Gujarat by the Department of BioTechnology. VentureStudio also hosts Prayas Shala Fab Shop as well as BioNEST Biotechnology lab to provide solid infrastructure support to upcoming startups. The centre promotes a startup-centric culture, wherein all the activities are conceptualised, designed, and executed keeping support to startups in mind.

IMPACT

As one of the oldest incubation centres in the area, VentureStudio symbolises a wealth of experience in providing 360 degree support to startups, ranging from pre-seed grants or funding, personalised mentoring through a network of domain experts, access to cutting edge facilities for product development, market access, assistance for team building, and support for follow-on funding and venture capital financing. The centre is managed by a team of professionals with solid technology, industry, and investment expertise. This has led to a stellar track record of over 100 active startups, more than INR 50 crores in revenue, over 35 IPRs, and more than INR 27 crores of follow-on fund raise.

Inception	2011
Startups Supported	150 +
Startups Onboarded during 2023-24	35 +
Number of Active Incubatees	100+
Patents and Trademarks Filed	35+
Number of Products Commercialised	65+
Revenue Generated	INR 50+ crore
Follow-on Funds Raised	INR 27+ crore
Employment Generated	600+



PROGRAMMES

In order to provide deeper ecosystem support to worthy startups, VentureStudio conducts long-term programmes throughout the year, especially focusing on providing support to students, innovators, and entrepreneurs on innovations in science and technology.

In order to encourage students to become entrepreneurs, the Centre runs the VentureStudio Fellowship, a semester-long programme aimed at equipping students with the tools, frameworks, and skills needed to successfully start an innovation-driven venture. Moreover, students can incubate their ideas with VentureStudio to obtain end-to-end support.

Following are details of the programmes hosted by the centre over the last year:

- VentureStudio Fellowship:** During this 16-week long programme, students deep-dive into many topics, such as idea generation, business model canvas, marketing, finances, and product-market fit, among several others. Apart from workshops conducted by subject area experts, students get an opportunity to interact closely with successful entrepreneurs, investors, and mentors, and start their own ventures. The Fellowship concludes with students showcasing their ventures on Demo Day.
- Green Fintech Accelerator:** The Green Fintech Accelerator, hosted by VentureStudio in partnership with International Financial Services Authority (IFSCA), Wadhvani Foundation, Gujarat Venture Finance Limited (GVFL), and IDFC Bank, aimed at fostering sustainable financial technology solutions. The accelerator welcomed four promising startups and laid out a comprehensive programme designed to equip them with the knowledge, skills, and mentorship needed to thrive in the green fintech space.
- Shipping Magic “MasterClass by Shirish Andhare”:** This workshop covered the subjects of Product Positioning and Messaging, Product Thinking, and Product-led Growth, demonstrating the combined value of these concepts. The attendees of the workshop learnt about the practical tools and strategies tailored to empower their startups and teams to thrive and scale.
- Laboratory for Entrepreneurial Motivation:** This course, led by Professor Sunil Handa, took the students on an inspiring and transformative journey into entrepreneurship. Through engaging lectures and one-on-one sessions, students explored real-life success stories and the limitless potential of the human mind. The attendees imbibed valuable insights and strategies for their entrepreneurial endeavours.

PARTNERSHIPS

VentureStudio is a Technology Business Incubator (TBI), approved by the National Science Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology (DST), an approved BioNEST facility for bio-incubation by the Biotechnology Industrial Research Assistance Council (BIRAC), as well as an approved nodal agency under the Government of Gujarat Startup Policy and SSIP–Student Startup and Innovation Policy.

The centre also understands the importance of co-incubation to provide the best possible support to its startups. Hence, it works positively with other incubation centres and ecosystem players to create a thriving startup ecosystem in Gujarat.

VentureStudio also worked on partnering with corporates for their expertise and venture capital investors to provide varied value added support to students and startups. Details of these partnerships are provided below.

Community:	- eChai - Headstart - Wadhvani Foundation
Service providers	- MSG91 - Legalwiz - Salestable - OpportuneJobs - Bluechip - Giddh - TechEx
Investors	- GVFL - Venture Catalysts - TIE Ahmedabad
Government	- Department of Science and Technology (DST) - Department of Biotechnology (DBT) - Government of Gujarat (GoG) - Department for Promotion of Industry and Internal Trade (DPIIT) - International Financial Services Centres Authority (IFSCA) - Federation of Indian Chambers of Commerce & Industry (FICCI) - Confederation Of Indian Industry (CII) - Gujarat Chamber of Commerce and Industry (GCCCI)
Corporates	HDFC Bank CSR

STARTUP INCUBATION

Through effective outreach, a strong ecosystem, and partner referrals, VentureStudio attracted and screened more than 1000 applications, before selecting over 35 startups for incubation. More than half of these startups are working in deep science or technology innovation.

The following table provides a list of the incubatees along with key information about them.

Founder Name	Startup Name	Sector	Description
Ashish Kumbharkar	Farm to Sustainability	Agritech	This startup is working to design and develop a custard apple pulp machine with an innovative petal extraction process to produce higher volumes of extracted pulp and significantly reducing fruit wastage and deterioration in the fruit supply-chain.
Mohammad Uzair Ali	Stubborn	Agriculture	Stubborn works on saving agricultural waste. India produces about 620 million tonnes of stubble each year, out of which 16 per cent is burnt on fields, which is a major polluter during the harvest season. This stubble burning also leads to soil quality degradation by killing important soil microbes. Stubble contains about 30-35 per cent cellulose. This cellulose can be chemically extracted, spun into yarn, and then woven into fabric, which would provide sustainable clothing alternatives.
Myna Fathima Ashraf	Myna	Healthcare (Medical Devices)	This startup is developing a rapid point of care detection test kit/device for the identification of Guillain-Barré Syndrome (GBS), to improve the diagnosis, management, and prevention of GBS-related infections.
Farhan Vhora	Haulog Technologies Private Ltd	Logistics and Supply Chain	Haulog connects stakeholders like buyers, suppliers, carriers, plants, and products, providing real-time data and solving issues through supply chain data intelligence, such as freight visibility, documentation discrepancies, and inefficient processes.
Shruti Mehata	Bharatgodam Solutions LLP	Agri-tech	This innovative Agri-Warehouse Management and Monitoring System is designed to revolutionise the way foodgrain bags are managed in warehouses across India. The software tool will enable stakeholders to undertake real-time monitoring of goods inside the warehouse with better accuracy and visibility.
Deep Pradipbhai Patel	Pacrise Automation LLP	Infrastructure mobility	PARKSMART is a smart parking and energy management system that uses wireless sensors to detect the availability of parking spaces in real time and adjust lighting levels to optimise energy use.
Harshil Tanna	Sinocular Pvt Ltd	Agri-tech	This startup introduces grass-based sheets, utilising agricultural waste, offering uniformity without binders. It ensures superior strength and slim design for versatile furniture.
Aishwarya Karnataki	Glovatrix Pvt Ltd	Robotics (Health Tech)	This startup is designing high-quality and affordable wearable technology products, which help speech and hearing impaired people communicate effectively.
Rajeev Menon	Reevs Marketing OPC Pvt Ltd	Sports and Healthcare	The aim of this startup is to reduce slippage inside shoes while the user is playing multidirectional sports.

Chintan Patel	ProjectKMT	Healthcare	This is the only ECG Monitoring Technology that sends patient data instantaneously to a secure cloud, detects 36 cardiac arrhythmias, gives real-time alerts and provides live monitoring platforms for healthcare professionals. Focuses on analysing irregular heartbeats, cardiac arrhythmias, and early cardiac disease.
Miloni Modi	Kaizen Waste Management Solutions	Waste Management	Design and development of a novel consumer waste collection and disposal bin system enabling waste segregation at the point of entry into recyclable, non-recyclable, and compostable waste. It uses computer vision technology, creating an automated and rugged process for sustainable consumer waste management.
Ashwin S. Kulkarni	BeFAST	Healthcare	This startup is developing a guided therapeutic system driven by a quantifiable and game-based (cognitive) approach; an IOT-enabled digital solution that complements stakeholders for rehabilitation of patients with neuro-muscular disorders such as Stroke, Balance Disorders, Traumatic Brain Injuries, and Spinal Cord Injuries, among others.
Sumana Mandal	Ignomagine Private Limited	Mechatronics	Team Ignomagine is on the way to developing the most affordable, accurate, and autonomous micro-mobility solution for assembly lines and warehouses of all sizes. Their product, Enlightened Machine (EnMac), is an intelligent mobile robot, which uses computer vision and deep learning algorithms to navigate indoors and outdoors.
Sayeesh Madangerikar	Engimasoft Technologies Pvt Ltd	Cleantech	This startup is designing and developing a Total Internal Photonic Absorption system, a specially designed photo-voltaic and heat capture hybrid system, which allows the capture of solar energy and conversion by means of specially oriented and shaped solar cells. It helps in the creation of a highly efficient solar power generation system with optimum performance under real-world conditions, to deliver enhanced renewable energy solutions for next-generation energy-intensive applications.
Rachit Modi (Prashant Verma)	Seamless Textech Pvt Ltd	Healthcare	This startup is producing a smart textile vest with in-built dry electrodes. It represents a small hardware unit for data acquisition, processing, storage, and communication.
Amay Banker	Fluorodetect Innovations Pvt Ltd	Healthcare	This startup is developing a hand-held fluorescence device, which has vast surgical applications. The innovativeness of this product lies in its unique and ergonomic form factor, completely wireless design, and ease of use.
Dr Shanaya Patel	Genoscope Pvt Ltd	Healthcare	This startup is developing a prototype and assessing the thermal and logistical efficacy of Saliscope—a saliva-based assay for predicting poor prognosis of oral cancer patients.
Pence Mataria	Stride Dynamics Pvt Ltd	Robotics and UAVs	This startup is developing an aerial robot capable of operating in GPS-denied conditions.
Gajendra Jain	Gatix Drive Pvt Ltd	Electronics	This startup is developing a SSPM Blower Unit for air-conditioned buses. It consists of a motor, controller, fan, and casing. These are used in the air-conditioning units of buses.

Vishal Dhamecha	Rhyno Wheels Pvt Ltd	Mobility	This startup is producing an electric scooter for rental services and other commercial applications.
Nikki Thakrar (BTech, Class of 2019)	Heavy Automation Pvt Ltd	Manufacturing	Heavy Automation offers Shin-up Mobility, a semi-automatic staircase load carrier for domestic and commercial application, with a capacity to carry a payload of 500 kg up the stairs.
Kinner Shah	iFACT	Healthcare	iFACT provides automated assistive and rehabilitation devices and mechanisms for paraplegics and patients with debilitating locomotion disorders.
Nirav Kanakia	Credain Networks Private Limited	Fintech	Credain is building a global digital transaction/ wholesale payment-focused fintech with a focus on reducing working capital usage for multinational businesses.
Kush Prajapati	Redicine Medsol Pvt Ltd	MedTech	The product offered by this startup addresses the global patient safety challenge caused by faulty behavioural patterns and habits, which leads to non-adherence to medical prescriptions, overdosing on medications, inadvertent or intentional avoidance of consumptions of medicines, and medication error, among other things.
Neeraj and Anshul Saxena	Xscale Consulting Private Limited	SaaS Provider	Xscale Global is a leading B2B SaaS consulting firm, whose flagship product 'Rapid Scale', aims to accelerate the revenue of B2B SaaS/ Tech companies by creating sustainable and cost-optimised sales engines in the fastest possible time frame for expansion in global markets.
Nidhi Mehra	Krny Innovations Private Ltd	Social Impact	My Plan 8 is a novel mobile application and inclusion solution empowering corporations to drive ESG benefits and sustainability in every activity and transaction enacted by employees and other stakeholders during engagement and employment with the corporation. It quantifies and breaks down the employee's environmental impact into an easy-to-report and evaluate ESG reporting matrix enabling employee benefit, rewards, and engagement, driving ESG focus for employer- employee communities.
Harsh Vardhan Sethi	Trinano Technologies Private Ltd	CleanTech	This startup is an innovative materials technology company with novel patents over disruptive products like Solid State Nano Coating of thickness 0.4 microns, made of Inorganic/ Ceramic/Oxide Material, applied by electrostatic deposition on solar panels, creating disruptive possibilities for increase in energy generation, lower panel temperature and lower cleaning costs.
Adnan Abbasi (BA (Hons), Class of 2023)	Thothica OPC Pvt Ltd	Industry tech	Thothica is an AI startup working on reimagining intellectual research across academic institutions. Their suite of products, including iLexica, iLexica Chat, Eterlin, and Contemplora, transforms the way research is conducted, communicated, and taught, creating significant enhancements in research productivity and communication capabilities.

BIO-INCUBATION

EVENTS

Dr Artee, Senior Manager, Investment, BIRAC, **Tanvi Rangwala**, CEO, VentureStudio, Ahmedabad University, and **Raj Shah**, CEO, Medicine Medsol. *Fundraising for Healthcare Startups*. November 3, 2023.

Dr Artee, Senior Manager, Investment, BIRAC, and **Vishwadeep Kapare**, Project Officer, Investment, BIRAC. *Fundraising Opportunities and Grant Writing Workshop*. April 19, 2024.

Pranita P., AVP - Program, Society for Innovation and Entrepreneurship, Indian Institute of Technology Bombay, **Priyanka M.**, Senior Associate- Program, Society for Innovation and Entrepreneurship, Indian Institute of Technology Bombay, **Rashmi MA**, Rashvee International Phytosanitary Research and Services Pvt Ltd, and **Shubhankar Takle**, Cofounder, Myoworks Pvt Ltd. *Guidance Session for BIG 24th Call*. April 25, 2024.

Nitya Raman, Senior Program Manager, C-CAMP. *An interactive session on Understanding 'The BIG Scheme'*. April 29, 2024.

Smita Kale, Advisor, Bioincubation, Venture Center, and **Shalini Singh**, Specialist, Funding Programs, Venture Center. *Know More Series: Understanding BIRAC's BIG Scheme*. April 30, 2024.

Arpit Shukla, Incubation Manager, VentureStudio Bio-NEST, Ahmedabad University. *Understanding Biotechnology Ignition Grant (BIG) Scheme*. May 4, 2024.

STARTUPS

Founder Name	Startup Name	Sector	Description
Rajesh Nair	LBIS Research Pvt Ltd	Agri Tech	Design and development of a novel and sustainable silica-infused plant-based fibre material that can act as a real-time substitute for single-use plastic in the liquid packaging industry.
Arpan Modi	Axenic Agritech Pvt Ltd	Plant Biotechnology	Development of reliable protocols in plant molecular biology for crop improvement and monitoring.
Siddharth Manvati	Clear Meat Pvt Ltd	Industrial Biotech/ Food technology	A food technology company that has developed an innovative cell-based meat cultivation process as well as FBS-free cell growth media for facilitating sustainable meat production and other cell research, spearheading a clear, kinder, and sustainable way of creating animal meat for mass consumption.
Ekshikha Bhagtani		Agri Tech	Transforming agri-food waste into non-toxic biodegradable tableware and packaging materials.

FACILITIES AND CO-WORKING

With a total of 21,500 square feet of space, encompassing VentureStudio, Prayas Shala, and BioNEST, the facilities at the centre have supported startups and professionals with co-working space, access to Fab Lab, and BioNEST.

VENTURESTUDIO

The seats occupied by startups and their team almost doubled during the last year. Over 150 seats were occupied by prominent startups like Apna (unicorn startup), Zybra, Social Media, and Autobuz, as well as other professionals at various points of time.

PRAYAS SHALA (FAB LAB)

This lab has supported startups like Heavy Automation, Prayogik Technologies Pvt Ltd, M Glades E Power Pvt Ltd, and more, providing access to VMC, Ultimaker 3D printer, EDM, PCB prototype machine, a soldering and desoldering station, and workstations for 3d designing, among other facilities. Students and professors from the University often visit Prayas Shala to obtain inputs on product design and development.

The team has also collaborated with Bluechip Infocorp Pvt Ltd on design and analysis services for the development of startup products.

BioNEST

BioNEST has gained popularity in the ecosystem because of the robust facilities it offers. This one-of-its-kind bio lab has been visited by professionals from various industries, academic centres, and startups. During this term, the facility hosted 17 new users from various academic institutions, including Nirma University, Central University of Gujarat, Gujarat University, and Gujarat Energy Research and Management Institute, as well as industries like Shukra Laboratories and Codon Bio Solutions, and startups like Axenic Agritech and LBIS Research.

COMMUNITY STARTUP MEETUPS

VentureStudio successfully organised a series of 38 impactful events designed to promote empowerment and education in the startup ecosystem. These events had a wide-ranging positive impact on over 2050 participants, including students, investors, entrepreneurs, innovators, and professionals. The event formats predominantly consisted of panel discussions, meetups, and engaging talks delivered by accomplished entrepreneurs and industry experts. The discussions revolved around emerging trends and technologies, offering valuable insights and inspiration to the attendees. The events played a crucial role in achieving three key objectives: teaching, inspiring, and fostering connections within the startup ecosystem.

Following is a list of meet-up events conducted by VentureStudio over the year:

Date	Title
July 7, 2023	Building Consumer Businesses
July 10, 2023	Entrepreneurial Motivation
July 21, 2023	Building Hardware Products and Startups
July 28, 2023	Entrepreneurial Motivation
July 28, 2023	Mental Health for Startup Founders and Co-founders
August 4, 2023	Fundraising for Startups
August 18, 2023	Ahmedabad Design Meetup
September 1, 2023	Ahmedabad Marketing Summit
September 15, 2023	Getting Initial Customers for Your Startup
September 30, 2023	D2C Founder Mixer
October 6, 2023	Internship Mixer
October 20, 2023	Scaling up Your Startup



November 3, 2023	Ahmedabad FinTech Startups Meetup
November 24, 2023	Fundraising for Startups
December 1, 2023	Green Fintech Accelerator Demo Day
December 8, 2023	Ahmedabad Startup Summit
January 12, 2024	In Conversation with Saurabh Garg, Co-Founder of the Unicorn Startup NoBroker.com
January 18, 2024	Fireside Chat with Ananya Maloo
February 2, 2024	Startup Exits and M&A Deals
February 8, 2024	Fireside Chat with Bhavesh Patel
February 16, 2024	Founders Who Have Made It to Shark Tank India
February 29, 2024	Fireside Chat with Abhishek Desai
March 1, 2024	DeepTech Startups Meetup
March 15, 2024	Candid Conversation with Inspiring Entrepreneurs, 'Learn how to start and grow your business'
March 21, 2024	Fireside Chat with Nadeem Jafri
March 29, 2024	Ahmedabad Marketing Summit
April 12, 2024	Fundraising for Startups: Panel Conversation
April 26, 2024	VentureStudio Fellowship Demo Day
May 17, 2024	The Ultimate Startup Growth Meetup in Ahmedabad
May 31, 2024	VentureStudio Investor Mixer
June 14, 2024	Building Startup Teams and Company Culture



THE GRADUATE SCHOOL

THE ACTIVITIES OF THE GRADUATE SCHOOL INCLUDE:

- Formulating guidelines for the conduct of the doctoral programmes
- Supporting the outreach for the graduate programmes
- Coordinating admissions to the doctoral programme
- Coordinating the selection of doctoral candidates for University Fellowships/ Assistantships
- Organising the orientation programme for graduate students
- Maintenance of doctoral students' status and progress, including dissertation evaluation management

DOCTORAL STUDENTS

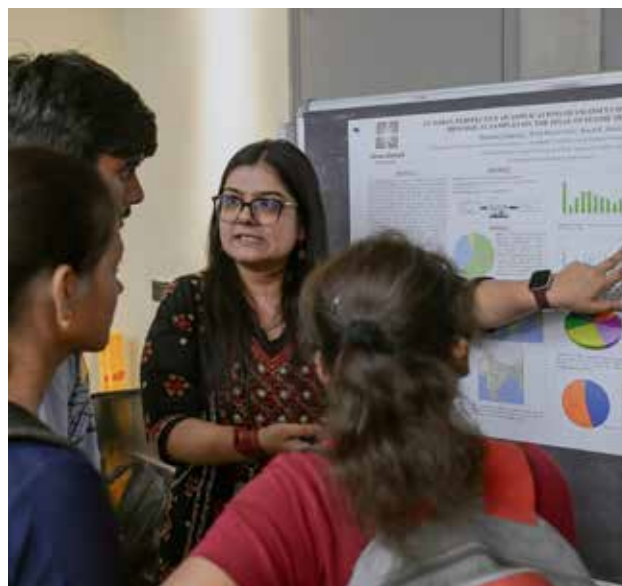
TOTAL ENROLLED: 97

Full-Time: 71	Amrut Mody School of Management: 3 School of Arts and Sciences: 49 School of Engineering and Applied Science: 19
Part-Time: 26	Amrut Mody School of Management: 14 School of Arts and Sciences: 3 School of Engineering and Applied Science: 9
Full-Time Students Supported: 71	Sponsored Projects: 4 Supported by External Fellowships: 6 University Assistantships: 61
In this academic year, five students successfully defended their dissertation.	Amrut Mody School of Management: 1 School of Arts and Sciences: 1 School of Engineering and Applied Science: 3

Six students were awarded their PhD degrees during Convocation 2023.

UNIVERSITY FELLOWSHIPS AND UNIVERSITY ASSISTANTSHIPS

Since July 2018, Ahmedabad University has instituted University Fellowships/Assistantships for full-time doctoral students that carry a tuition waiver and a stipend. Subject to satisfactory academic performance, a student continues to receive the assistantship and tuition waiver for a maximum of five years. For the academic year 2023-24, Ahmedabad University awarded a full tuition fee waiver and University Assistantship of INR 40,000 per month to all 26 admitted full-time doctoral students.



ACTIVITIES

DOCTORAL RESEARCH EXPO

The Dean of Graduate School and Research office organised the first doctoral research expo on November 8, 2023. At the exhibition, doctoral students from all Schools presented their research work to a larger audience. The event was open to all University students, faculty, and staff.

PhD SCHOLARS TALK SERIES

Every month, doctoral students and candidates shared about their research at the organised talk. The speakers presented their research for about 20-30 minutes, followed by a Q&A session.

- **Yash Dahima**, School of Arts and Sciences. *An Overview of Research in Air Quality*. October 11, 2023.
- **Chena Desai**, School of Arts and Sciences. *Social Recognition in Fishes*. November 1, 2023.
- **Pooja Grewal**, School of Arts and Sciences. *Hanle Electromagnetically Induced Transparency*. January 31, 2024.
- **Mahula Santra**, School of Engineering and Applied Science. *CO2 Capture & Utilization*. March 13, 2024.
- **Kishan Malaviya**, School of Arts and Sciences. *Looking for Young Stars in Tiny Galaxies*. April 10, 2024.

GRADUATE FACULTY COMMITTEE

The Graduate Faculty Committee has been constituted for helping and advising the Dean of Graduate School. The current committee members are as follows:



**DEEPAK
KUNZRU**

Distinguished
Professor and
Dean
Graduate School
and Research
Chairman



**BHARGAV
ADHVARYU**

Professor
Amrut Mody School
of Management



**RATNA
GHOSAL**

Associate Professor
School of Arts and
Sciences



**SOUMEN
GHOSH**

Assistant Professor
School of Arts and
Sciences



**MAYA
RATNAM**

Assistant Professor
School of Arts and
Sciences



**ALOK
SHUKLA**

Assistant Professor
School of Arts and
Sciences



**ADITI
SINGHAL**

Assistant
Professor
School of
Engineering and
Applied Science

UNIVERSITY RESEARCH BOARD

Ahmedabad University has established the University Research Board (URB) to support and promote research by faculty, students, and staff. During the academic year 2023-24, the University Research Board members were:



DEEPAK KUNZRU

Distinguished Professor and Dean
Graduate School and Research
Ahmedabad University
Chairman



SANJAY CHAUDHARY

Professor and Associate Dean
School of Engineering and Applied Science
Ahmedabad University
Member



ANIRBAN DASGUPTA

N Rama Rao Chair
Professor Department of Computer Science & Engineering
Indian Institute of Technology
Gandhinagar
Member



TEJASWINI NIRANJANA

Dean, Online Programmes
Director
Centre for Inter-Asian Research
Ahmedabad University
Member



RAMA RATNAM

Professor
School of Arts and Sciences
Ahmedabad University
Member



BALACHANDRAN RAVINDRAN

Emeritus Professor
Institute of Life Sciences,
Bhubaneswar
Member



R R SONDE

Visiting Professor
Department of Chemical Engineering
Indian Institute of Technology Delhi
Member



DEVANATH TIRUPATI

Executive Provost
Ahmedabad University
Member



MIHKEL TOMBAK

Chair, Department of Management
UTM, HATCH Chair in Technology
Management and Strategy
Institute for Management and Innovation
University of Toronto
Member

START-UP GRANT PROPOSALS

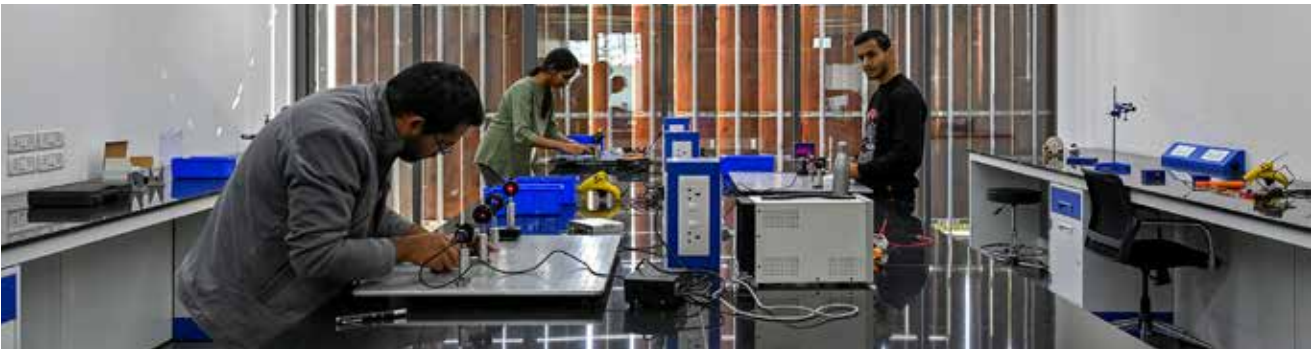
The details of the URB-awarded Start-up Grants in the academic year 2023-24 are given below.

Mukherjee, S. **INR 25,00,000**
Temporal and spatial dynamics of potential lumpy skin disease vectors in Gujarat, India

Choudhury, S. **INR 21,76,000**
Probing stellar populations in the Magellanic Bridge– using the UVIT/AstroSat and multi-wavelength data

The details of the Start-up Grants active during 2023-24 are given below.

Title of the Project	Principal Investigator	Amount (INR IN LAKHS)
Role of Species-Specific Chemical Signals in Animal Communication	Ratna Ghosal	25.0
Experimental Co-Evolution of Yeast and Bacteria to Unravel The Impetus for the Evolution of Fermentation as a Quantitative Trait in Yeast	Krishna Swamy	19.70
Deterministic Networking	Shashi Prabh	21.50
Atmospheric Trace Species Composition over Ahmedabad based on a Network of Low-cost Sensors, Satellite Remote Sensing, and Regional-scale Modeling	Aditya Vaishya	25.00
Signal Encoding and Signal Detection in the Electrosensory System of Weakly Electric Fish: Behaviour and Neurophysiology	Rama Ratnam	25.00
Divyawear'- A Wearable Haptic Cueing System for Visually Impaired	Keyur Joshi	9.90
Properties of Gene Regulatory Networks Associated with Bacterial Stress Response	Sutapa Mukherji	11.05
Cultural Analysis of Environmental Precarity and Adaptation in the Eastern Himalayas	Suchismita Das	7.40
Detection of Electromagnetically Induced Transparency of Perfect Cylindrical Vector Vortex Beam in Warm Rubidium Vapour	Raghwinder Singh	25.00
Negotiating Urbanisation: Marginality, Mobility and Aspirations In Gujarat	Mona Mehta	5.70
Neural and Computational Basis of Habitual Attention	Nithin George	23.30
Deciphering Molecular Mechanism of Calcium Deficiency in Peanuts and Tissue Culture Optimisation Using Cotyledonary Node as an Explant	Bhuvan Pathak	25.00
Structure-function Mapping of Salmonella-host Cytoskeleton Interactions	Ashim Rai	18.30
Study of Ion Beam Energy Generated by the Double Layers in Expanding Radio-Frequency Plasma	Soumen Ghosh	25.00
Temporal and Spatial Dynamics of Potential Lumpy Skin Disease Vectors in Gujarat, India	Shomen Mukherjee	25.00
Probing Stellar Populations in the Magellanic Bridge – Using the Uvit/Astrosat and Multi-wavelength Data	Samyaday Choudhury	21.76



SEED GRANTS

The details of the URB-awarded Seed Grants in the academic year 2023-24 are given below.

Rai, A. Development of a Fault-diagnosis Device for Rotating Machinery Using Triboelectric Nanogenerators	INR 3,00,000
Ahmed, S. Analysis of Additive Manufacturing of Metals and Composites by WAAM and FDM Processes Respectively	INR 4,80,000
Dalai, S. Porous Carbon Nanofibers Derived from Cotton Textile Waste for Hydrogen Storage	INR 8,00,000
Das, B. Investigation of Fatigue Performance of Additive Manufacturing Structural Steel by Experiment and Constitutive Material Modelling	INR 5,00,000
Trivedi, T. Chronicling the Textile Industry of Ahmedabad: A Case Study of the Ahmedabad Textile Industry's Research Association	INR 1,90,000
Singh, D. Emotional Distractor Suppression in Emotion-induced Blindness	INR 3,33,000
Ratnam, R. Acoustic Signaling and Chorusing Behaviour in Frogs and Toads of Gujarat	INR 5,00,000
Ghosal, R. Using a Multi Pronged Approach to Assess Health of an "Ecological Indicator" Species, the Mugger Crocodile (<i>Crocodylus palustris</i>) in Central Gujarat, India	INR 5,00,000
Rao, R. Global Oil Price Pass-through and Optimal Monetary Policy in India	INR 3,12,000
Chapagain, N. K. Understanding the Making of 'Gandhi of Architecture': Exploring the Values of Vernacular Heritage of Pithoragarh in the Indian Himalayas	INR 4,04,250
Ratnam, M. Shifting Cultivation and the Invention of Tradition: Agroecology, Climate Change and the Discourse of Indigenous Agriculture	INR 1,60,000

The details of the Seed Grants active during 2023-24 are given below.

Title of the Project	Principal Investigator	Amount (INR IN LAKHS)
Building Context-specific Image/Video Repository for Indian Roads	Mazad Zaveri	2.00
Do Students Discriminate against Female Professors? Evidence from India	Moumita Roy	2.00
Impact of Numerical Information Framing on Perceived Psychological Ownership	Mahendra Singh Rao	2.00
Heritage Dilemma at the 15 th C Walled Town of Lomanthang, Nepal: Implications of Changes in Policy and Governance Systems in Nepal in the Past Three Decades (1992 - 2022)	Neel Kamal Chapagain	1.60
Influence of Mg/SiO ₂ Molar Ratio and Annealing Temperature on the Structure and Morphology of Waste Glass Derived Silicon Nanomaterial	Sridhar Dalai	1.75
Development of an Assay for Enumerating Extracellular Vesicles by Flow Cytometry	Vivek Tanavde	2.00
The Effect of Attachment Security on Consumers' Price Sensitivity	Atul Kumar	2.00
The Competitive Effects of R&D Tax Incentives: Evidence From India	Rahul Singh	2.30
Can Machines Help in Making Organisations More Humane? (Chatbots In Organisations for Bullying And Harassment)	Samvet Kuril	5.00

Title of the Project	Principal Investigator	Amount (INR IN LAKHS)
Development of a Fault-diagnosis Device for Rotating Machinery Using Triboelectric Nanogenerators	Akhand Rai	3.00
Analysis of Additive Manufacturing of Metals and Composites by Waam and FDM Processes Respectively	Shuja Ahmed	4.80
Porous Carbon Nanofibers Derived from Cotton Textile Waste for Hydrogen Storage	Sridhar Dalai	8.00
Investigation of Fatigue Performance of Additive Manufacturing Structural Steel by Experiment and Constitutive Material Modeling	Bimal Das	5.00
Chronicling the Textile Industry of Ahmedabad: A Case Study of the Ahmedabad Textile Industry's Research Association	Tana Trivedi	1.90
Emotional Distractor Suppression in Emotion-induced Blindness	Divita Singh	3.33
Acoustic Signaling and Chorusing Behaviour in Frogs and Toads of Gujarat	Rama Ratnam	5.00
Using a Multi Pronged Approach to Assess Health of an "Ecological Indicator" Species, the Mugger Crocodile (<i>Crocodylus Palustris</i>) in Central Gujarat, India	Ratna Ghosal	5.00
Global Oil Price Pass-through and Optimal Monetary Policy In India	Rahul Rao	3.12
Understanding the Making of 'Gandhi of Architecture': Exploring the Values of Vernacular Heritage of Pithoragarh in the Indian Himalayas	Neel Kamal Chapagain	4.04
Shifting Cultivation and the Invention of Tradition: Agroecology, Climate Change and the Discourse of Indigenous Agriculture	Maya Ratnam	1.60

UNIVERSITY CHALLENGE GRANT

The details of the URB-awarded University Challenge Grant in the academic year 2023-24 are given below.

Rao, M. S. **INR 11,50,000**
Designing Effective Nudges for Health and Institutional Citizenship Behaviour: Role of Psychological Ownership

TEACHING MATERIAL DEVELOPMENT/ INNOVATION GRANT

The details of the URB-awarded Teaching Material Development/Innovation Grant in the academic year 2023-24 are given below.

Mankodi, K. **INR 1,00,000**
Oorja Development Solutions Limited: Transforming Indian Agriculture For Sustainable Growth

Bihani, A. **INR 50,000**
Hearty Mart: Fostering Growth through Ethical Leadership

Choudhury, S. **INR 73,000**
Establishing Astronomy and Astrophysics Teaching Laboratory – Phase I: Setting up Pyramidal Horn Antenna Radio Telescopes



INTERNATIONAL CONFERENCES

In this academic year, the University disbursed INR 57,84,265 to support the participation of 32 faculty members in international conferences.

EXTERNALLY SPONSORED PROJECTS

From July 2023 to June 2024, there were 38 ongoing sponsored projects with a total sanctioned budget of INR 3239.4 lakhs. Out of these, eight projects were completed during this period, and 20 new projects with a total sanctioned budget of INR 1096 lakhs were approved. The details of the ongoing projects are given below.

Title of the Project	Principal Investigator and Co-Investigator	Funding Agency	Amount (INR IN LAKHS)
Establishing Centre for Nanotechnology Research and Applications (Centra)	Balaji Prakash (School of Arts and Sciences)	Gujarat Institute of Chemical Technology	915.00
Establishment of a Facility for Environmental Risk Assessment of Chemicals and Nano Materials	Ashutosh Kumar (School of Arts and Sciences)	Gujarat Institute of Chemical Technology	43.52
Addressing Dissonances between Education Research and Post Market Reform Society in India	Mary Ann Chacko (PI) Leya Mathew (Co-PI) (School of Arts and Sciences) Karishma Desai (Co-PI) (Rutgers University) R Maithreyi (Co-PI) (Centre for Budget and Policy Studies) Vidya Subramanian (Co-PI) (Tata Institute of Social Sciences)	Spencer Foundation, USA	34.73
Unraveling Cellular Reprogramming Underlying the Evolution of Hybrid Vigour in Introgressed Yeast Hybrids (Ramalinga Swamy Fellowship)	Krishna Swamy (School of Arts and Sciences)	Department of Biotechnology	113.60
Identification and Characterisation of a Novel Protein from Leishmania Donovanii with Potential Implication in Cell Death Pathways	Souvik Sen Gupta (PI) (School of Arts and Sciences) Ritobrata Goswami (Co-PI) (Indian Institute of Technology Kharagpur)	Science and Engineering Research Board	44.29
Synthesis of Magnetic Catalyst Coated Microbubbles for Removal of Trace Pollutants	Snigdha Khuntia (PI) (School of Engineering and Applied Science) Sameer Dalvi (Co-PI) (Indian Institute of Technology Gandhinagar)	Department of Science and Technology	38.70
Study of Earth Surface Processes at Three Different Critical Zones with Different Climatic and Geologic Settings in Western India	Ashutosh Kumar (PI) (School of Arts and Sciences) Sunil Kumar Singh (Co-PI) (Council of Scientific and Industrial Research - National Institute of Oceanography) Vikrant Jain (Co-PI) Dr Vimal Misra (Co-PI) (Indian Institute of Technology Gandhinagar) Sanjeev Kumar (Co-PI)	Ministry of Earth Sciences	23.93
Imaging and Flow Cytometry Centre at Ahmedabad University	Vivek Tanavde (PI) Ashutosh Kumar (Co-PI) (School of Arts and Sciences)	Department of Biotechnology	448.35

Title of the Project	Principal Investigator and Co-Investigator	Funding Agency	Amount (INR IN LAKHS)
Design and Development of 5G Enabled Intelligent Transportation System in Gujarat	Dhaval Patel (PI) Mehul Raval (Co-PI) (School of Engineering and Applied Science) Mukesh Zaveri (Co-PI) (National Institute of Technology Surat)	Gujarat Council on Science and Technology	22.10
Semantic Person Retrieval in Surveillance	Mehul Raval (PI) (School of Engineering and Applied Science) Paawan Sharma (Co-PI) (Pandit Deendayal Energy University)	Gujarat Council on Science and Technology	33.18
Development of a Free-induction-decay Atomic Magnetometer for Geomagnetic Applications	Raghvinder Singh (School of Arts and Sciences)	Science and Engineering Research Board	32.85
Development of Polyunsaturated Fatty Acid Rich Groundnut Cultivars Using CRISPR-Cas9 Gene Editing	Bhuvan Pathak (School of Arts and Sciences) Subramanian Sankaranarayanan (Indian Institute of Technology Gandhinagar)	Gujarat State Biotechnology Mission	47.54
Development of a Nano Liposomal Formulation for Targeting Chemo-resistant Oral Cancer Stem Cells	Vivek Tanavde (PI) (School of Arts and Sciences) Dhiraj Bhatia (Co-PI) (Indian Institute of Technology Gandhinagar)	Gujarat State Biotechnology Mission	34.81
Cellular and Molecular Imaging Centre at Ahmedabad University	Rama Ratnam (School of Arts and Sciences)	Department of Science and Technology	239.00
Gendered Citizenship: Understanding Everyday Politics of the Marginalised	Mary Ann Chacko (PI) (School of Arts and Sciences) Madhumita Biswal (Co-PI) (Sambalpur University)	Association of Asian Studies	7.24
The Living Heritage of Vadnagar: Documentation and Comparative Analysis	Aditya Prakash Kanth (PI) Neel Kamal Chapagain (Co-PI) Ioannis Poullos (Co-PI) (Amrut Mody School of Management)	Directorate of Archaeology and Museums, Government of Gujarat	38.27
Investigations of Deep Eutectic Solvents as Catalyst for Cyclo-addition of CO ₂ to Propylene Oxide: Quantum Calculations and Experimental Verification	Dharamashi Rabari (PI) (School of Engineering and Applied Science) Sanjay Patel (Co-PI) (Nirma University)	Gujarat Council on Science and Technology	17.85
Safety Measures of Two-wheeler Mobility in India (and R10) Integration of Technical Activities, Education and Awareness	Maryam Kaveshgar (PI) Mehul Raval (Co-PI) (School of Engineering and Applied Science) Hrshikesh Venkatraman (Co-PI) (Indian Institute of Information Technology, Sri City)	Institute of Electrical and Electronics Engineers Intelligent Transportation Systems Society	8.43
Optimal Neural Coding of Sensory Signals	Rama Ratnam (PI) Krishna Swamy (Co-PI) (School of Arts and Sciences)	Science and Engineering Research Board	34,58.00

Title of the Project	Principal Investigator and Co-Investigator	Funding Agency	Amount (INR IN LAKHS)
Net Zero Strategy for the State of Gujarat, India	Minal Pathak (PI) Priyadarshi Shukla (Co-PI) (Amrut Mody School of Management) Vaibhav Chaturvedi (Co-PI) Praveen Chandrasekaran (Co-PI) (Council on Energy, Environment and Water)	United Nations Office for Project Services	103.91
Structure-function Mapping of Salmonella-host Cytoskeleton Interactions	Ashim Rai (School of Arts and Sciences)	DBT/Wellcome Trust India Alliance	376.25
Cultural Landscapes of the Rung Community	Neel Kamal Chapagain (PI) (Amrut Mody School of Management) Sriparna Saha (Co-PI) (Graphic Era Hill University Dehradun)	Indian Council of Social Science Research	6.00
Development of Intelligent Pipeline Leak Detection and Localisation Practices Independent of Prior Leak History	Akhand Rai (School of Engineering and Applied Science)	Science and Engineering Research Board	18.30
Study of Electron Energy Distribution on Formation of Double Layer in Expanding Plasma	Soumen Ghosh (School of Arts and Sciences)	Science and Engineering Research Board	32.51
Probing the Existence of Light Bosons with Recent Cosmological Observations	Gaurav Goswami (School of Arts and Sciences)	Science and Engineering Research Board	17.49
Co-delivery of Methotrexate and RELA siRNA Using Nanoscale DNA Tetrahedrons and Folate Liposomes to Synergistically Target Synovial Macrophages in Rheumatoid Arthritis	Ashutosh Kumar (PI) (School of Arts and Sciences) Dhiraj Bhatia (Co-PI) (Indian Institute of Technology Gandhinagar)	Gujarat State Biotechnology Mission	79.38
Socio-economic Impact of Pradhan Mantri Mudra Yojana in Gujarat	Darshini Mahadevia (PI) (School of Arts and Sciences) Sudhir Pandey (Co-PI) Sujo Thomas (Co-PI) (Amrut Mody School of Management) Amit Dwivedi (Co-PI) (Entrepreneurship Development Institute of India)	Indian Council of Social Science Research	15.00
Assessment of Adaptation to Climate Change in Indian Cities – Report to NATCOM and BTR	Darshini Mahadevia (School of Arts and Sciences)	Ministry of Environment, Forests, and Climate Change, Government of India	34.67
Digital Labour Platforms in India: Understanding Precarity and Empowerment	Jeemol Unni (PI) Sonal Yadav (Co-PI) (Amrut Mody School of Management) Ravikiran Naik (Co-PI) (FLAME University)	Indian Council of Social Science Research	20.00
Inclusive Net-zero Transport Plan for a Gujarat City	Darshini Mahadevia (PI) (School of Arts and Sciences) Geetam Tiwari (Co-PI) (Indian Institute of Technology Delhi)	United Nations Office for Project Services	71.28
GraaS: Graph Analytics for Security	Amit Nanavati (School of Engineering and Applied Science)	Cisco University Research Program Fund/Silicon Valley Community fund	27.83

Title of the Project	Principal Investigator and Co-Investigator	Funding Agency	Amount (INR IN LAKHS)
eDNA Assessment of Nalsarovar Wetland: Understanding the Interplay of Life and Temperature	Subhash Rajpurohit (School of Arts and Sciences)	Climate Change Department, Government of Gujarat	12.00
Investigating the Role of Ploidy Dependent Chromosome-wide Dosage Compensation that Alleviates Proteotoxic Stress in Introgressed Yeast Hybrids.	Krishna Swamy (School of Arts and Sciences)	Science and Engineering Research Board	42.49
Synergistic Chemotherapy and microRNA Intervention via Liposome-mediated Delivery System Targeting HER2: A Comparative Study between miR155/Paclitaxel and miR145/ Docetaxel Combinations against Drug-resistant Breast Cancer	Ashutosh Kumar (School of Arts and Sciences)	Indian Council of Medical Research	72.22
Veer Balak Udhyaan: Content Research	Molly Kaushal (PI) Aditya Prakash Kanth (Co-PI) (Amrut Mody School of Management)	Directorate of Archeology and Museums, Government of Gujarat	19.80
Investigating Inter-specific Interactions in Mixed-species Bird Aggregations under Competition and Unpredictability	Jitesh Jhawar (School of Arts and Sciences)	Max Planck Society	42.49
Understanding the Climate-resilience of Insect Holobionts	Subhash Rajpurohit (PI) (School of Arts and Sciences) Samraat Pawar (Co-PI) (Imperial College London) Sumanta Bagchi (Co-PI) (Indian Institute of Science) Sutirth Dey (Co-PI) Amrita Hazra (Co-PI) (Indian Institute of Science Education and Research Pune) Emanuel A Fronhofer (Co-PI) (University of Montpellier)	Biotechnology and Biological Sciences Research Council, UK	18.25
Grant for organising 8 th Conference of International Society of Wildlife Endocrinology held in November 2023 in Corbett National Park, India	Ratna Ghosal (School of Arts and Sciences)	Morris Animal Foundation	4.17

UNIVERSITY GRANTS OFFICE

The Grants Office at Ahmedabad University, established in June 2019, facilitates grant fundraising at different levels. The Office provides administrative assistance and guidance in proposal preparation, proposal submission, and oversight of all financial and non-financial aspects of the grants. It has developed a portal for facilitating friction-free processing of pre-application and post-award requirements of internal and external funded grants. The office also publishes a quarterly research newsletter, Research Horizons, with information of relevance to research and a monthly research compendium giving information on funding opportunities. The newsletters feature an “In Conversation with...” series, which includes interviews with colleagues from Ahmedabad University about their career paths, research interests, collaborations, and research funding. These articles are curated for non-specialist readers and aim to provide collegiate insights into research funding.

The Office organised a seminar titled ‘The Art of Grant Writing’ to help the University faculty put together effective grant applications. Professor Shagufa Kapadia, Emeritus Professor at M. S. University, Baroda, conducted the seminar. Around 15 faculty members and students participated in the event.



ETHICS COMMITTEE

The University has constituted an Ethics Committee, which meets regularly to certify that a research proposal does not violate the Code of Ethics of the University and also adheres to the regulations of the Government of India, especially for research involving humans, animals, and bio-related projects. In the academic year 2023- 2024, the committee granted ethical approval to 21 proposals.

DEEPAK KUNZRU

Distinguished Professor
and Dean
Graduate School and Research
Chairperson

RATNA GHOSAL

Assistant Professor
School of Arts and Sciences
Member

ASHWIN KUMAR

Director, Centre for
Learning Futures
Associate Professor, Amrut
Mody School of Management
Member

AMIT NANAVATI

Professor
School of Engineering
and Applied Science
Member

URMI BISWAS NANDA

Professor
School of Arts and Sciences
Member

RAMA RATNAM

Professor
School of Arts and Sciences
Member

EKTA SHARMA

Associate Professor
Amrut Mody School of
Management
Member

INSTITUTIONAL BIOSAFETY COMMITTEE

The Institutional Biosafety Committee (IBSC) is an internal regulatory committee created under the guidelines of the Department of Biotechnology, Government of India. IBSC reviews all research activities involving biohazardous substances and is responsible for maintaining the biosafety guidelines within the university. Following the guidelines of the IBSC, the primary investigator (PI) must apprise the IBSC about experiments involving biohazardous substances. The PI needs to obtain IBSC approval before conducting similar experiments within the University premises.

The Department of Biotechnology has approved the constitution of the Institutional Biosafety Committee (IBSC) at Ahmedabad University on January 31, 2020. During this academic year, the committee met twice, in October 2023 and December 2023, and approved two projects. The committee also submitted an annual compliance report of the Institutional Biosafety Committee to the Department of Biotechnology for the Financial Year 2023- 24. The Committee members are:

VIVEK TANAVIDE

Associate Professor
School of Arts and Sciences
Chairperson

SHARMISTHA MAJUMDAR

Associate Professor
Indian Institute of Technology
Gandhinagar
DBT Nominee

RATNA GHOSAL

Assistant Professor
School of Arts and Sciences
Member Secretary

DHIRAJ BHATIA

Assistant Professor
Indian Institute of Technology
Gandhinagar
External Expert

GAYATRI RAVAL

University Doctor
Office of Dean of Students
Biosafety Officer

SOUVIK SEN GUPTA

Assistant Professor
School of Arts and Sciences
Internal Member

RAMA RATNAM

Professor
School of Arts and Sciences
Internal Member

KRISHNA SWAMY

Associate Professor
School of Arts and Sciences
Internal Member

THE UNDERGRADUATE COLLEGE

The Office of the Dean of the Undergraduate College oversees the philosophy, structure, and implementation of undergraduate programmes. The Office works with the Schools at Ahmedabad University to enhance the overall University experience for the students. It contributes to building a student-centric environment by continuously engaging with the students and enabling them with opportunities for academic growth. The Office recommends new academic policies or suggests revisions for existing policies based on feedback from students and faculty.

Three new students as Mahatma Gandhi Scholars:

- Vineetha Banavar, BA (Honours), Psychology
- Suhani Guleria, BA (Honours), Philosophy, History and Languages
- Anika Sheth, BA (Honours), Psychology

FOUNDATION PROGRAMME

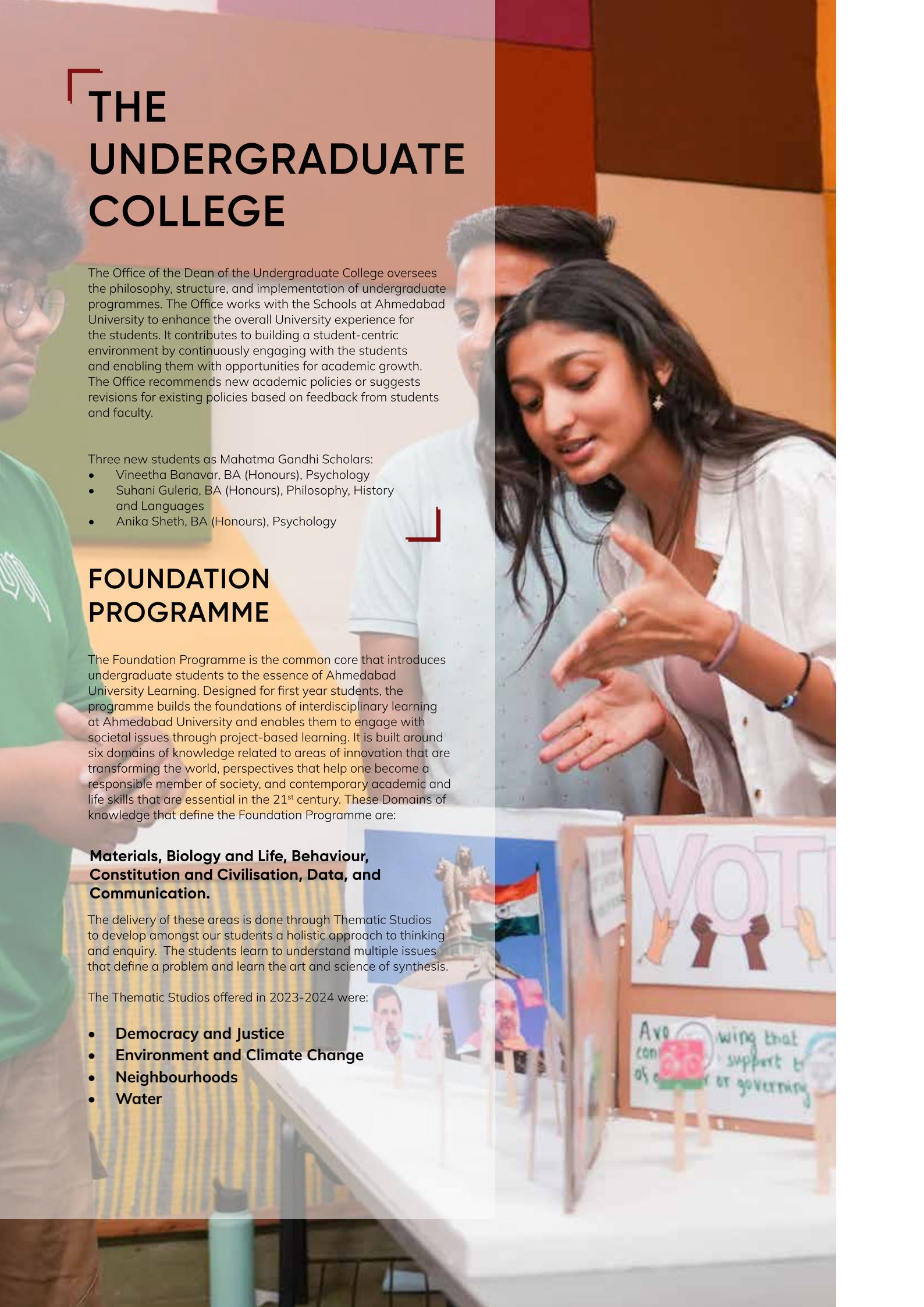
The Foundation Programme is the common core that introduces undergraduate students to the essence of Ahmedabad University Learning. Designed for first year students, the programme builds the foundations of interdisciplinary learning at Ahmedabad University and enables them to engage with societal issues through project-based learning. It is built around six domains of knowledge related to areas of innovation that are transforming the world, perspectives that help one become a responsible member of society, and contemporary academic and life skills that are essential in the 21st century. These Domains of knowledge that define the Foundation Programme are:

Materials, Biology and Life, Behaviour, Constitution and Civilisation, Data, and Communication.

The delivery of these areas is done through Thematic Studios to develop amongst our students a holistic approach to thinking and enquiry. The students learn to understand multiple issues that define a problem and learn the art and science of synthesis.

The Thematic Studios offered in 2023-2024 were:

- Democracy and Justice
- Environment and Climate Change
- Neighbourhoods
- Water



The Thematic Studios delivered the domain knowledge through an application area, creating interdisciplinary learning. For instance, topics studied in the Studio on Water included inputs from Biology and Life, Behaviour, Data, and Communication, showcasing that many knowledge systems are required to solve challenging problems. Students in a Studio first identified issues relevant to the Studio's Theme, understood the various dimensions of these issues, analysed the related data, and considered solutions. The Foundation Programme aims to expand students' outlook and teach them the multidimensional nature of real-life issues and societal problems that require interdisciplinary solutions.

Foundation Programme details :

	2019-20	2020-21	2021-22	2022-23	2023-24
No. of Students	1358	714	751	796	1010
No. of Faculty	59	62	64	86	91

FOUNDATION SERIES – REAL-WORLD INSIGHTS

In 2023-24, as part of the interdisciplinary, project-based approach of the Foundation Programme, the Office introduced the Foundation Series: Real World Insights. The series helped students supplement the academic conceptual understanding developed through their Studios with direct exposure to industry experts. These sessions effectively bridged the gap between theoretical frameworks and real-world applications across different domains covered in the Studios' modules.

Democracy and Justice

- **Shyam Parekh**, Editor and Journalist, Media Educator, Founder of Gujarat Literature Festival. *A watchdog of Democracy?* August 11, 2023 and September 15, 2023.
- **Suruchi Thapar-Björkert**, Senior Lecturer/Associate Professor, Department of Government, Uppsala University, Sweden. *Transnational Surrogacy and Informal Economies of Exploitation*. September 8, 2023.
- **Maheshwer Peri**, Founder and Chairman, Careers 360. *Ethics is not an Option*. April 10, 2024.

Water

- **Sara Ahmed**, Founder and Lead Curator, Living Waters Museum, Adjunct Faculty, Indian Institute of Science Education and Research (IISER) Pune, and Board Member, Water-aid India. *Blue Heritage: Towards a New Water Ethic*. August 29, 2023.
- **Mansee Bal Bhargava**, Founder-Director of Wednesdays for Water (WforW) Foundation and Research Entrepreneur, Environmental Design Consultants Ahmedabad. *I am Water: Social-ecological Aspect of Water and Waterbodies*. September 15, 2023.

Neighbourhoods

- **Kaumudi Joshipura**, Susmita and Subroto Bagchi Professor and Dean, School of Public Health, Ahmedabad University. *Healthy Communities, Healthy Planet: Think Globally, Act Locally*. September 22, 2023.

Environment and Climate Change

- **Neal Phillip** and **Paramita Sen**, Bronx Community College (BCC - CUNY), USA. *Tracking Climate Change through Network Measurements*. August 9, 2023.

FOUNDATION CHALLENGE: REAL WORLD QUESTS

The Foundation Challenge empowered students to analyse various phenomena and apply their interdisciplinary and domain-based learning to real-world challenges. In groups, 76 students, divided into 14 teams, identified an issue they were passionate about and dedicated ten days to intensive work. This included field research through interviews, surveys, and other methods to gain comprehensive insights from diverse perspectives, including meetings with over 20 faculty across all disciplines. Based on their findings, groups refined or adjusted their project focus to ensure meaningful outcomes. The challenge culminated in tangible outputs such as business plans, prototypes, digital platforms, awareness campaigns, research reports, creative pieces, or educational curricula. Each output aimed at creating positive change, demonstrating the student's ability to connect their Foundation Programme knowledge with real-world applications. The students presented their work to a panel comprising Ahmedabad University faculty and defended their research and choices in an intense jury presentation, after which the top three projects were awarded. Details of these projects are given below.

Street Vendors: Integral Part of Society, Culture, and Economy

This project investigated the impact of street vendors near Ahmedabad University through interviews, surveys, and faculty consultations. The project aimed to offer a well-rounded understanding and potential solutions to the challenges posed by street vendors, potentially culminating in a documentary. The students who carried out this project included Moksh Shah, BBA (Hons); Vihan Shah, BBA (Hons); Suhani Agrawal, BA (Hons) Social and Political Sciences; and Pratham Bardia, BBA (Hons).

Food Waste Awareness at the Cafeteria

This project analysed the issue of food waste in Ahmedabad University's cafeteria, emphasising the environmental and economic impacts of such wastage. Data collection for the project involved surveys and interviews with students, faculty mentors, and the head chef, with the aim of promoting sustainable consumption practices. The students who carried out this project included Maria Sadikot, BBA (Hons); Udantika Vaghela, BA (Hons), Social and Political Sciences; Simran Govani, BBA (Hons); Saumya Chechani, BA (Hons), History; Stuti Chandak, BBA (Hons); and Shriya Raithatha, BBA (Hons).

The Better World Project

This project entails working with children aged 5-11 years in slum dwellings and NGOs to foster neuroplasticity and holistic education in order to make the coming generations better citizens of India. The interactive activities and concepts undertaken as part of the project encompass subjects like neighbourhood, socially equitable behaviour, jobs, democracy, voting, justice, environment, climate change, life above land, life below water, and hygiene. The students who carried out this project included Sakshi Lalwani, Samridhi Gupta, and Neh Shah, BA (Hons), Psychology; Shreya Limbani, BBA (Hons); Priyanshi Shah, Integrated MS, Life Sciences; and Poorvi Sharma, BBA (Hons).

List of Foundation Challenge Projects

- CrossDiscipline
- Street Vendors: Integral Part of our Society, Culture and Economy
- DElly Art Project
- Sugar Aware, Healthy Kids Prepare: India: ~~Diabetes~~ Health Capital of the World
- The Better World Project
- Sustain Style: Choose Sustainable Fashion
- Agricultural Farm Management Unit
- Terrabloom - A Composter Project
- Food Waste Awareness at the Cafeteria
- Breeze Buniyad
- U-Well: Building Awareness on Counselling
- The Scrap Boutique: Redefining Waste, One Stitch at a Time
- Once Upon A Time..., Change through Storytelling
- Is Media Biased?

STUDENT VOLUNTEER PROGRAMME

All Undergraduate and Integrated Master's students at Ahmedabad University must complete 30 hours of engagement with society as a prerequisite for graduation. One of the objectives of this social service requirement is to build a value for action in the lives of our students, achieved through a mandatory course, VOL100: Engagement with Society, coordinated by the Student Volunteer Programme.

The details for the year 2023-24 are given below

Institution	Objective
Jivdaya Charitable Trust	Animal Welfare
Upraant Foundation	Reducing global carbon footprint and empowering women
Humankind	Creating teaching aids and conducting sessions for students from under-resourced schools
Khoj Museum	Science education
Prabhat Education Foundation	Special needs education
TIDE Foundation	Generating teaching materials
Gyan Prakash Charitable Trust	Conducting teaching sessions for underprivileged children
Shwas Charitable Trust	Providing education to slum kids
aProCh	Aims to create a child-friendly city
Centre for Environment Education (CEE)	Promoting environmental awareness
Manav Sadhna	Providing holistic education to underprivileged communities
Teach for India	Conducting teaching sessions for underprivileged students
Avsath	Providing education to underprivileged children



This year, about 606 students participated in these projects until July 2024. Post-pandemic, on-field volunteering and reflection meetings allowed students a richer community service experience. They became more sensitive to social issues, allowing them to serve others in real time. After the 30-hour experiential learning through volunteering, many students are still actively associated with the organisations and effectively contributing to the cause.

UNDERGRADUATE RESEARCH PROGRAMME (UGRP)

The Undergraduate Research Programme (UGRP) allows undergraduates from all disciplines to gain lifetime experience through mentored research and other creative engagements. The students and faculty mentors collaborate in designing and implementing projects and disseminating results, allowing students to explore a new field of knowledge, including an interdisciplinary domain, or delve into their area of study via a faculty-mentored research experience. In 2023-24, 108 students participated in 45 UGRP projects with 33 faculty members.

Notable UGRPs in 2023-24

Name of the UGRP	Brief Description of the Project
Gender Gap in Leadership	Broadly look at the factors which account for the gender gap in top leadership positions and establish causal relationships through experiments
Indian Women Immigrants in Canada and Student Aspirants: Vulnerabilities, Challenges and Agency to Navigate through the Cultural Milieu and Work Lives	Explore the socio-cultural, financial, legal, and occupational challenges faced by the Indian female immigrants to Canada, as well as the vulnerabilities and uncertainties experienced by them in the aftermath of the COVID-19 pandemic and the subsequent lockdowns and border closures.
Do Psychology Experiments Show that Cognition Affects Perception?	"Cognitive penetration" is the assumption that non-sensory processes like thoughts, beliefs, desires, etc., affect sensory perception. This project reviews and analyses the experimental stimuli used in cognitive penetration research.
3D Design of an Air Quality Monitoring Device	Design a compact, lightweight 3D model of an air quality unit incorporating small sensors connected to a microcontroller, utilising 3D modeling software like CAD for efficient air quality monitoring
Developing a Low-cost Sensor Device for NOx and O3 Measurements	Develop an air quality device using low-cost sensors that measure NOx and O3 and integrate it with a microcontroller, allowing continuous storage/transmission of the air quality data.
LoRaWAN-based Low-cost Sensor Monitoring of Air Quality	Utilise the LoRaWAN technique to establish a network of low-cost air quality sensors across the University campus. It set up a centralised logging system on a dedicated server to collect data, creating a bi-directional communication system for efficient, real-time monitoring of air quality.

Study of Fire Events over India Using Satellite Data	Analyse satellite data of fire events and explore connections between fire events, pollutant emissions, and meteorological parameters.
Pendulum with Two Balls of Different Masses to Study Time-reversal	Build a model to predict the frequency of steady point and verify the same frequency by building Newton's cradle with balls of two different masses to demonstrate the time-reversal symmetry.
Comparative Study of Artificial Cognition and Human cognition	Investigate how ChatGPT makes decisions and how they are related to human cognition. The study involves creating a platform to feed prompts to ChatGPT and collect responses.
Indian Music Theory and Psychology of Wellbeing	Create a manuscript with a detailed review of literature in music theory, music history, and the history of the bhakti movement in Indian history, which uses music in the day-to-day experience of well-being.
Applied Social Psychology and Select Indian Laws	Create a manuscript with a detailed literature review on selected laws in the IPC, such as the Juvenile Justice Act, Persons with Disabilities Act, and Mental Healthcare Act, and their implementation challenges.
Effect of Induction Heating on Temperature and Force Characteristics in Rotary Friction Welding	Investigate the microstructure evolution in the welds due to the varying processing conditions. The students analyse the results, based on which they will write a research article.
Two-wheeler Safety Values	Investigate the dynamic characteristics of various electric two-wheelers manufactured in India and develop a comprehensive classification system.
Coding for Divyaware: An Assistive Cueing System for the Visually Impaired	Despite India constituting about 20% of the world's vision-impaired population, little research has been done on assistive systems. The project involves surveying such devices available, the design of an actuator, and its feasibility study for the employed task.
Understanding the Pattern of Recruitment Process: The 4IR (Industry 4.0) Competency Mapping	Participants serve as data annotators, helping to build a high-quality labeled dataset for a Resume-Corpus. This dataset, including 36 unique entities, is essential for training machine learning models to identify and classify entities in unstructured text, a key skill in the data-driven Natural Language Processing (NLP) field.
Analysis of Additive Manufacturing of Metals and Composites by WAAM and FDM Processes	Analyse the microstructure of the parts and the effect of post-processing techniques on the material properties and surface finish. Investigate the effects of friction stirring and metal milling on WAAM and FDM-built parts, which provide insights into the development of future manufacturing technologies.
CFD Simulation of Stirred Vessels with Multi-impeller Systems	Conduct Computational Fluid Dynamics (CFD) simulations for multi-impeller systems used in chemical, food, and pharmaceutical industries; analyse flow patterns, mixing, and shear distribution around the impellers crucial for applications such as bioreactors; and study the sensitivity of geometric and operating parameters in batch systems.
CFD Simulation of FSW Process	Understand the effects of sheet positioning, tool offset, and backing plate material on the temperature and material flow characteristics in dissimilar FSW of aluminum and copper.





CAPSTONE PROJECTS

Capstone projects address real-world issues and require an interdisciplinary team of 4-6 students to solve these problems. The projects involve problems sourced from start-ups, small and medium enterprises, and NGOs, and are led by a faculty member. In 2023-24, 500 students participated in 88 projects (both internal and external), mentored by 50 faculty members.

MAHATMA GANDHI SCHOLARS PROGRAMME

The Mahatma Gandhi Scholars Programme provides

- Depth and breadth of educational experiences beyond the existing curricular requirements through intensive academic projects
- High levels of engagement with Faculty, Deans, and distinguished visitors from Academia, Government and Industry
- Participation in quasi-curricular programmes to stimulate research, promote independent inquiry and encourage curiosity in academic and non-academic endeavours
- Engagement with Indian societal issues with a definite action-oriented plan
- Summer internship experiences
- Mentorship while applying for graduate studies in India and abroad
- A significant scholarship



OFFICE OF INTERNATIONAL AFFAIRS

The Office of International Affairs endeavours to improve and expand the internationalisation agenda of Ahmedabad University by cultivating a culture of global citizenship and leadership. The Office serves as a strategic link between the Ahmedabad University and global institutions, non-profits, foreign missions, and student organisations.

The Office organises events, hosts international university delegates, plans and executes international higher education fairs, publicises and administers the study abroad and semester exchange programmes, and counsels the students on opportunities for higher education in global universities.

During the last year, students of the University have secured admissions to leading universities like the London School of Economics and Political Science, Columbia University, Yale University, and the University of Chicago, among others. Additionally, the Office has curated a set of international immersions and semester-abroad opportunities across eight countries for current students of the University.



STUDY ABROAD AND INTERNATIONALISATION OPPORTUNITIES

The Office works with all Schools across the University to administer the semester abroad programme enabling students to pursue a full semester at one of Ahmedabad's partner institutions, enhancing the culture of global citizenship at the University. In the academic year 2023-24, eighteen students from the Amrut Mody School of Management, School of Arts and Sciences, and the School of Engineering and Applied Sciences, participated in the programme in France, Hong Kong, Spain, and Finland.

Details of the semester abroad programmes for students from different schools at the University are delineated in the following table.



Name of University	Student Details
Rennes School of Business, France	Anjali Patel, BBA (Hons), Marketing, Class of 2024 Dhanvi Shah, BBA (Hons), Marketing, Class of 2025 Shikhar Shah, BBA (Hons), Finance and Economics, Class of 2024
Lingnan University, Hong Kong	Mayuri Modhwadia, BBA (Hons), Human Resources and Organisations, Class of 2024 Simran Govani, BBA (Hons), Finance and Economics, Class of 2024 Aneri Shah, BBA (Hons), Human Resources and Organisations, Class of 2024 Nary Parmar, BA (Hons), Social and Political Sciences, Class of 2025 Vidhi Chotai, BA (Hons), Psychology, Class of 2024 Vanshi Pathak, BA (Hons), Social and Political Sciences, Class of 2025 Mahek Agarwal, BS (Hons), Computer Science, Class of 2025 Kruti Tarachandani, BA (Hons), Psychology, Class of 2025 Anannya Rajesh, BA (Hons), Psychology, Class of 2026
ECAM LaSalle, France	Khush Shah, BTech, Mechanical Engineering, Class of 2025 Dev Desai, BTech, Mechanical Engineering, Class of 2025 Yashveer Yadav, BTech, Mechanical Engineering, Class of 2025
University of Valladolid, Spain	Parisha Patel, BBA (Hons), Business Analytics, Class of 2025 Abdulkhalik Mansuri, PhD in Life Sciences
University of Vaasa, Finland	Priyanshi Raval, BBA (Hons), Marketing, Class of 2025
University of British Columbia, Canada	Aabha Shah, BBA (Hons), Finance, Class of 2024 Gayatri Chavda, BBA (Hons), Business Analytics, Class of 2025 Sakhi Shah, BA (Hons), Philosophy, History and Languages, Class of 2025

EVENTS AND DELEGATIONS

The Vice Chancellor, Professor Pankaj Chandra, hosted the US Consul General, Mike Hankey, at the University on July 31, 2023, for a town hall on US-India Relations in the 21st Century.

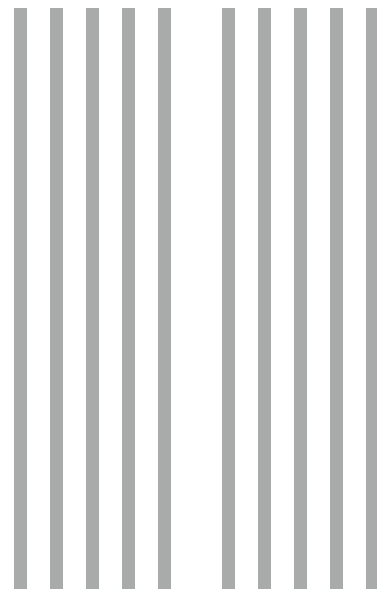
The Office conducted twenty-four high-level meetings between foreign university delegations and the senior education leaders. These visits included a delegation from the US International Higher Education Administrators Programme and the Fulbright Hays Programme, which provides American faculty with an understanding of some of the finest Indian universities.



EVENTS AND VISITS

The Office of International Affairs organised the following events and visits during the year.

EVENTS AND VISITS	DATE
International Student Immersion in National Research University Higher School of Economics (HSE) St Petersburg, Russia	June 10-15, 2024
Meeting with Delegation from University of Edinburgh, UK	May 17, 2024
Address by Consul General of France to India, Mr Jean-Marc Séré-Charlet	April 2, 2024
Visit by Fulbright International Education Administrators as part of the International Education Administrators Seminar	March 18, 2024
Visit by Delegates from Virginia Commonwealth University, USA	March 5, 2024
Visit by Vice Provost of Virginia Commonwealth University, Dr Jill Blondin	February 26, 2024
Visit by Delegation from HSE University St Petersburg, Russia	February 21, 2024
Workshop on 'Writing Research Papers' by Nancy Neiman, Fulbright Specialist and Professor of Politics at Scripps College, California, USA	February 6, 2024
Visit by Pro-Vice Chancellor Global, Lancaster University, UK, Professor Simon Guy	February 2, 2024
Webinar on Summer Programmes at the Oxford University by Mr Greg Lewis, Director of the Oxford Summer School	December 18, 2023
International Education Guidance Series	October 11, 2023
Overview of Graduate Studies at the University of British Columbia (UBC), Canada, by Mr Shane Moore, Manager of Marketing and International Recruitment, UBC	September 13, 2023
Annual International Education Fair for Graduate Studies at Different Universities	September 6, 2023
Selection of Students for Micro Internships at the University of Auckland, New Zealand	July 17- August 4, 2023
Social Entrepreneurship Workshop with the University of Surrey, UK	July 8, 2023
Visit by the Mayor of Kitchener, Ontario, Canada, Mr Berry Vrbanovic	July 6, 2023
Fulbright Hays Delegation Training Programme with faculty from Miami University, Ohio, USA	July 3-4, 2023



INTERNATIONAL ADMITS TO GLOBAL EDUCATIONAL INSTITUTIONS

Amrut Mody School of Management

Arizona State University, USA
Babson College, USA
Duke University- Fuqua School of Business, USA
ESADE Business School, France
IE University, Madrid, Spain
Macquarie University, Australia
Musicians Institute: College of Contemporary Music, USA
Purdue University, USA
Rotman School of Management - University of Toronto, Canada
Trinity College Dublin, Ireland
University of Edinburgh, UK
University of Liverpool, UK
University of Massachusetts, USA
University of Sheffield, UK
University of Sussex, UK
University of Technology Sydney, Australia
University of Western Australia, Australia

School of Arts and Sciences

Arizona State University, USA
Carnegie Melon University, USA
Columbia University, USA
Duke University, USA
George Washington University, USA
Hong Kong Baptist University, Hong Kong
Imperial College, London
John Jay College of Criminal Justice (CUNY), New York, USA
Julius-Maximilians-Universität Würzburg, Germany
King's College London, UK
London School of Economics and Political Science, UK
Maastricht University, Netherlands
Monash University, Australia
National University of Singapore, Singapore
New York University, USA
Rice University, USA
School of Oriental and African Studies, UK
The New School, New York, USA
University of Alberta, Canada
University of Bologna, Italy
University at Buffalo, USA
University of California, Irvine, USA
University of Cambridge, UK
University of Chicago, USA
University of Maryland College Park, USA
University of North Texas, USA
University of Southern California, USA

School of Engineering and Applied Science

Arizona State University, USA
Drexel University, USA
George Washington University, USA
KTH University, Sweden
McMaster University, Canada
Monash University, Australia
New York University, USA
North Carolina State University, USA
Northeastern University, USA
Rutgers University, USA
SDA Bocconi, Italy
Technical University of Kaiserslautern, Germany
University of Pittsburgh, USA
University of Southern California, USA
University of Texas at Arlington, USA



CAREER DEVELOPMENT CENTRE

The Career Development Centre at Ahmedabad University guides and prepares students for career success by providing significant resources to explore, discover, develop, and pursue their personal and professional goals. The Centre facilitates their connection to the corporate world that matches those goals.

The Centre is committed to working with students at all stages of their career aspirations—from interest to assessments to networking opportunities and job searching strategies. It also functions as the nodal office for the University's corporate relations.

Activities at Career Development Centre

The Centre conducts various activities to help students work on areas of development and build their careers, including:

- Career Counselling and Guidance,
- Skill Development Training,
- Internship and Placement Coordination,
- Career Mapping,
- Industry Interactions, and
- Organising Networking Events.

CAREER DEVELOPMENT CENTRE-STUDENT COMMITTEE

The Centre works closely with students via a Student Committee, which acts as a bridge between the student community and the Centre to build a symbiotic environment for students' development.

CAREER COUNSELLING, ASSESSMENT AND DEVELOPMENT ACTIVITIES

Career Development Centre organises and facilitates events and programmes to build students' capabilities and job readiness. These span career orientation workshops, seminars on higher education, corporate interactions, alumni talks, career counselling sessions using psychometric assessments, placement and internship training, including aptitude and technical tests and personal interview mock-ups.

The events are organised across schools and batches by way of early engagement or specific needs analysis. In all, 80 such events were organised during the year.

INDUSTRY ENGAGEMENT

This year, the Centre organised several interactions with industry leaders for the benefit of students, especially the graduating and pre-final year cohorts, as detailed below:

Krishnakant Kumawat, Head HR, Nivea India (Beiersdorf AG). *Survival Mantras - Skill Requirements for a Future Job Market in the Industrial Setup*. August 23, 2023.

Purav Gandhi, CEO, HealthArk Insights Consulting. *Evolution of Consulting*. September 1, 2023.

Jatin Parikh, Managing Director, Trident Group. *Building Retail Business and Successful Entrepreneurship*. October 4, 2023.

Leena Lopez, VP HR, Knowcraft Analytics. *Building Blocks to Kick Start a Successful Career*. October 6, 2023.

Raghavan Rangarajan, Dean, School of Arts and Sciences, Ahmedabad University. *A Career as a Physicist*. October 25, 2023.

Dr Parth Vaishnav, Founder and CEO, Samvedana Happiness Hospital. *Careers in the field of Psychology*. October 31, 2023.

Pratik Shah, Director and Co-founder, Knowcraft Analytics. *Valuations and Growing Opportunities*. November 1, 2023.

Rajeev Kulshreshtha, Managing Director, NSE-Clearing Corporation. *Challenges Faced by IFSC and Opportunities for NSE as a Clearing Corporation*, November 8, 2023.

Darshan Desai, Founder, Development News Network. *Career Pathways in Journalism*. November 23, 2023.

Apoorv Shah, City Director, Teach for India. *Careers in the Social Impact Sector*. January 24, 2024.

Parag Bhatt, Head Talent Management, Zydus Group. *Industry Expectations from Young Managers*. February 9, 2024.

Bhavin Shah, Founder and CEO, Sameeksha Capital. *Deep Dive into Equity Research*, February 12, 2024.

Arunprakash Manoharan, Regional Head Outreach, ISB MBA. *MBA Admissions in Ivy League Colleges and Indian School of Business*. February 28, 2024.

Dishit Nathwani, Director and CEO, Gulab Oils. *What it takes Homegrown Brand to Succeed Globally*. March 6, 2024.

Ashish Patel, Chief Data Scientist, IBM. *How Vector Database Works on Large Language Models*. March 8, 2024.

Dipesh Shah, Executive Director, IFSCA, Gift City. *How Gujarat International Finance Tec-City (GIFT City) is Changing the Financial Services Landscape of India and the World*. March 15, 2024.

Frank Tarsillo, Global CTO, S&P Global. *Overview on S&P Global's Initiatives in Technology and Emerging Technologies for Future*. March 20, 2024.

Karrie Swanson, Director L&D, Sikkich. *Expectations from a Global Young Manager*. April 8, 2024.

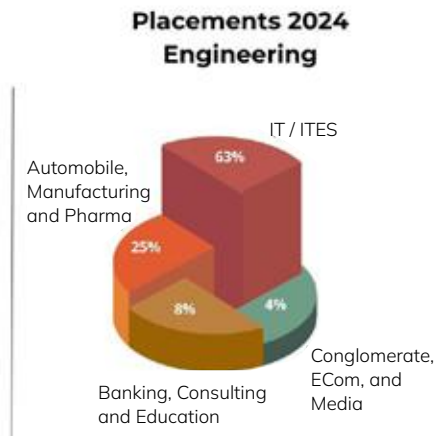
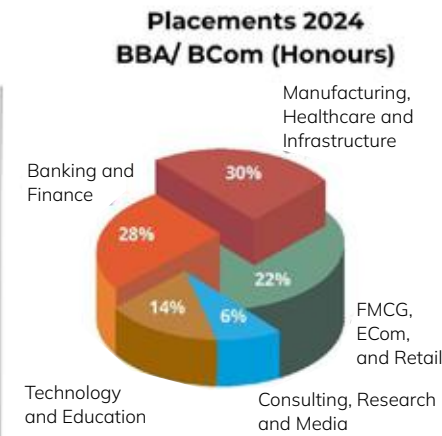
CAMPUS PLACEMENTS

The Academic Year 2023-24 was marked by global recessionary sentiments, especially in the Information Technology and Fintech Space. At Ahmedabad University, the Career Development Centre went all out to provide rigorous training to our graduating students, on the one hand, and increased focus on corporate outreach and nurturing existing relationships, on the other. CDC managed to secure better and aspirational career opportunities for the students ensuring that a wide range of recruiters visited the campus. This helped in placing our students in the best of organisations across sectors and at the same time improving the compensation received.

CAMPUS PLACEMENTS (till November 2024)	ACADEMIC YEAR 2023-2024
Students Participated in Placement	142
Total Students Placed	137
Percentage Placed	96%
Undergraduate	100
Graduate	37

GRADUATING STUDENTS' 2023-2024 (till November 2024)	
Higher Education	28%
Employed	33%
Self Employed and Startups	3%
Family Business	12%
Preparing for Higher Education	13%
Exploring Employment Opportunity	8%
Others	3%

CAMPUS PLACEMENTS (till November 2024)	UNIVERSITY	SEAS	MANAGEMENT GRADUATE	MANAGEMENT UNDER-GRADUATE	ARTS AND SCIENCES
Students Placed	96%	97%	97%	95%	100%
Recruiters on Campus	178	65	53	34	26



CORPORATE RELATIONS

Over 170 companies engaged with Ahmedabad University to offer projects, internships, and career opportunities to students. The indicative list is as follows:

360tf	DxFactor	Jio Platforms	PwC
Aavenir	Edelweiss	Junomoneta Finsol	Quicko
ABB	Eques Capital	KGMS Broking & Research	Radio Mirchi
Accenture	Equirus	Khimji Ramdas (India & Oman)	Ratnamani Metals
Adani Group	Evosys - A Mastek Company	Knowcraft Analytics	Reelo
Aditya Birla Fashion & Retail	Extramarks Education	Korn Ferry	Reliance Group
AGS Health	EY India	Kotak Mahindra Bank	rtCamp
Amara Raja	Federal Bank	KPMG	S&P Global
Amuse Lab	Forbes Marshall	Kurlon	Sajjan Industries
Arvind Ltd	Gemba Concepts	Maqure Ventures	Sapio Analytics
Asian Paints	Genuin Inc	Maruti Techlabs	Shipmnts
Asite Solutions	Godrej & Boyce	Maxim Integrated	Siemens Energy
Assa Abloy	Goldman Sach	Maxxis Rubber	Simpolo Ceramics
Atul Limited	Great Place to Work	Mckinley & Rice	Smytten
Awaaz De	GSFC Limited	Medkart Pharmacy	Source One
Bank of America	Harsha Engineers	Merkle Sokrati	StemPedia
BDO Rise	HashedIn (by Deloitte)	Microfinance	Svatantra MHFC (Aditya Birla)
Berger Paints	HCL Technology	Moglix	Symphony
BigBasket	HDFC Bank	Motadata	Tata AIA Life Insurance
Biznovare	HDFC Life	Motherson Sumi	Tata Consultancy Services
Blackstone	Healthark Insights	MRF	Tatvic Analytics
BlueStar	Hexaware Technologies	Myntra	The Stelema
Bombay Software	Home First Finance Company	Netmeds	Toddle
Bosch Rexroth	IBM	Nielsen IQ	Torrecid India
Byjus	ICICI Prudential	Nirma	Torrent Group
Cargill	IDFC First Bank	Niyantras	Trilogy Innovation
Carwale	Info Edge (Naukri.com)	NSL Hub	UST BlueConch
Celebal Technologies	inFocusP	Null Innovations	Vayana Networks
Centre for Monitoring Indian Economy	Infor	Panamax	Vedanta Resources
Chqbook	Injala	Peak Ventures	VeloxCore
Cogitate Technology	Interality	Playpower Labs	Verity Knowledge Solutions
Continental	IRM Energy	PNB Gilts	Vishakha Polyfab
Dabur India	Ishitva Robotics	Prakash Chemicals	Wifpli
Daimler India	ITC	Proclink	Zydus Life
Data Insights	Jaro Education	Public Affairs Centre	

OFFICE OF ALUMNI AFFAIRS

The Office of Alumni Affairs fosters a lifelong connection between Ahmedabad University and its alumni. This mission is a continuous process rather than a one-time goal. Through several academic and non-academic events, the Office brings together alumni from various cohorts, strengthening their bond with the University. The Office organises events and activities regularly, including reunions, lectures, fests, campus visits, and more, to reach out to its network of alumni and current students, enabling them to share knowledge and grow together.

INTERACTIONS WITH ALUMNI

The following alumni interacted with students from different schools during the year to provide them insights on their experiences and discuss roadmaps for their future education and careers.

NAME	PROGRAMME
Raj Shah	BBA, Class of 2020 and MBA, Class of 2022
Anuj Shah	MBA, Class of 2022
Manish Vaidya	BBA, Class of 2002, and MBA, Class of 2004
Jinit Dharia	BCom, Class of 2015
Rutvi Shah	Integrated MS, Class of 2019
Adnan Abbasi	BA (Hons), Class of 2023
Jyoti Shukla	MMS in Heritage Management, Class of 2020
Priya Gosain	MMS in Heritage Management, Class of 2021
Nikhil Parashar	MMS in Heritage Management, Class of 2020
Anshika Jain	MMS in Heritage Management, Class of 2017
Disha Ravipati	BTech in Chemical Engineering, Class of 2018
Amish Chovatiya	BTech in Chemical Engineering, Class of 2019
Priyanka Shukla	BTech in Chemical Engineering, Class of 2019
Zankrut Vyas	BTech in Chemical Engineering, Class of 2019
Drashti Dave	BTech in Chemical Engineering, Class of 2020
Sagar Shah	BTech in Chemical Engineering, Class of 2022

ROUTE CAMP

Amrut Mody School of Management offers Route Camp Projects for the students of the MBA Programme. The Route Camp is an academic project comprising 12 credits, in which the organisation selects a real business issue that needs to be solved. The organisation and the University together develop the project objectives, expected outcomes, and deliverables, thus shaping an experiential learning module that ensures that our MBA graduates are industry-ready.

This year, the following alumni came forward to provide Route Camp Projects to three such student groups from the MBA Programme, engaging with them to solve a real-time issue faced in their respective organisations:

NIKESH KOTHARI

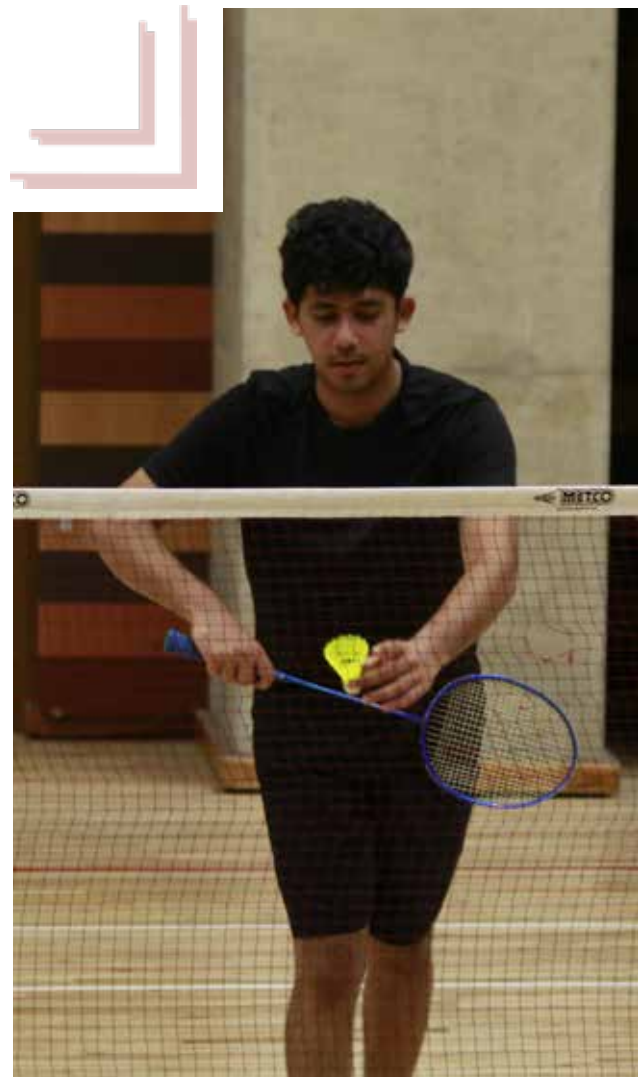
*Integrated MBA, Class of 2021
Owner, JK Distributors*

MOHIT MARDIA

*BCom, Class of 2007
Owner, Grace Castings*

DHARINI SHAH

*BCom, Class of 2017
Owner, Creatoons*



ALUMNI ACHIEVEMENTS

Alumni	Achievement
Shreyans Chopra <i>BCom, Class of 2015</i>	Featured in Forbes 30 under 30. He is the brain behind Mstack, a B2B platform dedicated to specialty chemicals, and has also been associated with Boston Consulting Group previously.
Vraj Ghoda <i>BCom, Class of 2019</i>	Received the Gold Award for the Best Use of Technology at the Event Management Federation (EMF) Global Awards, Vietnam. He is the CEO of Video Times and LED Solutions, a family business catering to the manufacture, supply, and trade of electronic products. The recognition came for the stage production and theatre lighting by his company at the Arijit Singh Concert of 2022 held in Ahmedabad.
Anisha Kumari <i>Master of Management Studies in Heritage Management</i>	Organised a workshop-cum-exhibition on Sikki Grass Craft from 12 th -14 th April 2024 at Bihar Museum, Patna. The workshop was the final leg of her IFA-Bihar Museum Scholarly Project 2023-24 under IFA's Archives and Museum's programme.
Ashutosh Mehta <i>BTech, Class of 2022</i>	Won the New Startup Award by Quality Mark for his firm, ShyamRatna Projects
Hasti Modi <i>BBA, Class of 2020</i>	Was recently a part of the Italian Youth Delegation (Y7) to the G7 Summit 2024, at the Food and Agriculture Organisation Headquarters in Rome. Y7, enables young leaders to share their ideas and policy proposals with the Heads of State and Governments of the G7 countries.
Samiksha Purohit <i>Master of Management Studies in Heritage Management Class of 2022</i>	Led a heritage food walk titled 'Cultural Appreciation of Odia cuisine in Delhi through Odissian temple prasads', organised by Anand Foundation.
Sukrit Sen <i>Master of Management Studies in Heritage Management Class of 2020</i>	Curated the Digital Urban Water Chapter of Kolkata titled, "Jol-Jyanto Kolkata–The lively Waters of Kolkata", which was launched in September 2023 as a flagship initiative of the Living Waters Museum. Details of the exhibition are available at https://joljyantokolkata.livingwatersmuseum.org/
Aman Shah <i>BTech, Class of 2022</i>	Has been involved in a range of activities, including coaching, representing the University on the field, and taking on the international stage! The football coach and alumnus of the Class of 2022, Aman was getting ready to represent the Indian senior men's team at the AFC Futsal Asian Cup 2024 qualifiers in Bahrain.
Supan Shah <i>MTech, Class of 2022</i>	Deeply involved with the Chandrayaan-3 project through his Master's journey at Ahmedabad. A 2022 MTech alumnus majoring in Computer Science and Engineering, he worked closely with ISRO scientists in identifying and estimating the depth of lunar craters using a high-resolution orbiter camera, the one that helped Chandrayaan-3 find its landing spot. Supan currently works as a Data Scientist at Ocado Technologies, London.

ALUMNI ENGAGEMENT WITH THE CAREER DEVELOPMENT CENTRE

The Office of Alumni Affairs connects the alumni with the existing student community at the Career Development Centre, enabling the students to benefit from the experiences and skill sets of the alumni.

The alumni who interacted with students at the Career Development Centre during the year included Mili Sharma, BBA, Class of 2015 and MBA, Class of 2018; and Riddhesh Sanghvi, BTech, Class of 2018.

ALUMNI ENGAGEMENT WITH CLUBS

Following are details of alumni engagement with the various clubs at the University:

The Film Appreciation Club, in collaboration with the Office of Alumni Affairs, organised a movie screening featuring the film 'Kamthaan', produced by the alumni, Mit Jani, Prateek Gupta and Aayush Patel, BCom. Class of 2010.

Rushabh Sharedalal, a Chartered Accountant, and alumnus of BCom, Class of 2015, interacted with students during the event, 'Indian Stock Market Outlook, 2024', organised was invited by the Wealth Circle Community.

Krutesh Patel, BCom, Class of 2010, led a session on the importance of cash flows for businesses, individuals, and countries in the Moneta series, organised by The Management Club.

Hinang Shah, BCom, Class of 2011, interacted with the students during his session in the Moneta Series organised by The Management Club, revealing a new way to find investments through stock reports.

Maitri Shah, BBA, Class of 2015, and Head of Digital Initiatives at Prudent Corporate Advisory Services Ltd, conducted a workshop on financial literacy organised by the Women Empowerment Forum at the University. invited Maitry Shah to conduct a workshop on financial literacy.

The Theatre Club organised a theatre show, highlighting the graduation journey of the alumni. It was attended by various alumni, including Vrusty Shah and Shivani Bhagat BCom, Class of 2016; Aayush Shah, BCA, Class of 2019; Manan Shah, BCom, Class of 2017; Vraj Ghoda, BCom, Class of 2019; Raj Shah, BBA, Class of 2020 and MBA, Class of 2022; and Manan Shah, BCom, Class of 2017.

ALUMNI PRESENCE AT UNIVERSITY EVENTS

Five alumni from AMSOM were invited to address the incoming students during Orientation 2023 to talk about the available courses in their respective programmes. They included Kairavee Dave, BCom (Professional), Class of 2023; Rohan Kumar, BBA (Hons), Class of 2023; Raj Shah, BBA, Class of 2020 and MBA, Class of 2022; Kalyani Bhow, BBA (Hons), Class of 2021; and Nikesh Kothari Integrated MBA, Class of 2021.

Swati Sadhwani, BCom, Class of 2005, who is a certified yoga instructor, facilitated the International Yoga Day celebration at the University, organised by the Wellness Centre, Office of Dean of Students, on June 21, 2024.

The other events that various alumni attended at the University during the year included Independence Day 2023, Garba 2023, Sports Cup 2024, Foundation Day 2024, and Concourse 2024.

THE ALUMNI SERIES AND CONVERSATIONS



The following alumni interacted with students at various Conversations as part of The Alumni Series, during the year.

CONVERSATIONS	NAME	PROGRAMME
August 23, 2023	Supan Shah	MTech, Class of 2022
October 4, 2023	Eva Bhairavia	BBA, Class of 2017
January 24, 2024	Adnan Abbasi	BA (Hons), Class of 2023
February 28, 2024	Shivam Agarwal	BCom, Class of 2020
March 8, 2024	Mitch Duddani	BCom, Class of 2002



ALUMNI MEETS

The Office of Alumni Affairs organised various meets during the year to engage with alumni across the country. Alumni from different programmes and years met in Bangalore, Delhi, and Mumbai in December 2023, March 2024, and May 2024, respectively.

AHMEDABAD ALUMNI BADMINTON CHAMPIONSHIP

A large number of alumni also participated in the Ahmedabad Alumni Badminton Championship organised at the University in September 2023.



LIFE AT THE UNIVERSITY

The Office of the Dean of Students (ODS) offers services and non-academic support to students. It also organises unified student activities across all the Programmes and Schools of the University.

The ODS extends support to new students by integrating them in the University system through two programmes: (i) a four-day Orientation programme, and (ii) an initiative called the Circle of Care. Upon their enrolment, new students are introduced to and later supported by two senior students who have a sound understanding of University systems and processes. The senior students of each circle offer care and mentorship to their circle of new students. Each circle is also assigned a Faculty Advisor who offers academic mentoring to the new students.

Each academic year, incoming students are inducted into the University by way of an extensive and immersive student orientation, which they navigate with their Circle of Care.

The Wellness vertical at the ODS offers support to the University students by providing access to free physical and mental health consultation. The Health Centre provides consultations of a senior physician and a gynaecologist to all students and staff; offers free Thalassaemia screening for all students and holds voluntary blood donation camps, enabling students to contribute to community health. For concerns surrounding mental health, face-to-face personal counselling is available to students and employees in an environment of complete privacy. Online counselling is also made available to the University community through a portal that provides round the clock services.

Concerted efforts are made to sensitise the student population on various grave social issues such as ragging, substance abuse, gender bias, cyber misconduct, traffic safety, and sexual harassment. The ODS holds regular workshops and talks by experts for the same. Furthermore, the ODS works towards matters of compliance and adherence to the policies of the University and University Grants Commission (UGC).

The vertical of Student Engagement and Support at ODS works towards overall development of the youth. Students are provided opportunities to participate in a wide spectrum of activities (like the Students' Clubs and sports activities).



PHYSICAL WELLNESS

The Office facilitates the following health services at the University Centre:

- Health Centre for Free Medical Consultations
- Medical Documents Verification
- Student Insurance
- Health Record Data
- Thalassemia Screening Camp
- Blood Donation Camps
- Health Camps
- Consultations
- Dental Health Camp

MENTAL WELLNESS

The Office continuously monitors the mental and emotional well-being of students, and has dedicated resources to address any challenges students might be facing through:

- Personal Counselling
- Support Groups
- Distance Counselling
- Mental Health Professionals' Panel
- Family Connect Initiative

ACTIVITIES OF WELLNESS

ACTIVITY	FACILITATOR	DATE
Experience of being in a hostel (FLH 1)	Nairuti Trivedi Wellness Counsellor	August 21, 2023
Experience of being in a hostel (FLH 2)	Nairuti Trivedi Wellness Counsellor	August 28, 2023
Experience of being in a hostel (FLH 3)	Nairuti Trivedi Wellness Counsellor	August 31, 2023
Session on Wellness	Nairuti Trivedi Wellness Counsellor	September 6, 2023
Health fair jointly organised with Bagchi School of Public Health	Dr Gayatri Raval and team	September 7- October 11, 2023
Blood Donation Camp	Indian Red Cross Society	October 4, 2023
Dance Movement Therapy	Yashashvini Gadhvi	October 10-11, 2023
Thalassemia Screening	Indian Red Cross Society	October 18, 2023
Awareness Talk on Anaemia	Dr Nina D Rajyaguru	November 1, 2023
Understanding Polycystic Ovary Syndrome (PCOS)	Dr Gayatri Raval in collaboration with Fitness Club	November 25, 2023
Session on Prevention of Sexual Harassment (POSH)	Mini Nilkund YourDOST	December 5-6, 2023
Talk on Dental Awareness	Dr Shaswat Diwan and Dr Aditi Sharma Diwan	January 17, 2024
Dental Health Camp	Dr Shaswat Diwan and Dr Aditi Sharma Diwan	January 19, 2024
Thalassemia Screening	Indian Red Cross Society	February 7, 2024
Yoga Classes	Swati Sadhwani	March 4-31, 2024
First Aid Training	Dr Gayatri Raval in collaboration with Indian Red Cross Society	March 7, 2024
Blood Donation Camp	Indian Red Cross Society	March 13, 2024
Training for Internal Committee members	Binita Parikh and Deepa Rafeeqe	March 20, 2024
Training for Internal Committee members	Binita Parikh and Deepa Rafeeqe	March 27, 2024
Blockbuster Activity – Mental Health Awareness and Well Being	Khushal Chavda	April 3, 2024
Time Management and Handling Procrastination	Jyotsana Sodhi	April 3, 2024
International Yoga Day	Swati Sadhwani	June 21, 2024

FAMILY CONNECT INITIATIVE

The Office of the Dean of Students, through the Family Connect Initiative, builds a rapport with the families of the beneficiaries of the University's Financial Aid by directly connecting with them. This enables the University to obtain feedback from students and families about the impact of the Financial Aid provided, at the same time instilling in them the confidence that the University is supportive. This year, 97 students received aid from the Office of Admissions and Financial Aid, including 29 students from Ahmedabad and 68 from outside Ahmedabad. The Office connected with the families staying in Ahmedabad in person, while the rest of the families were contacted through telephone.

WORK STUDY PROGRAMME

The University initiated a Work Study Programme to assist needy students to earn with dignity while working at any of the administrative or School offices at the University.

During the year 2023-24, a total of 62 students were enrolled for the same across various departments:

Functions	Students Enrolled
Admissions	30
Alumni Office	4
Office of International Affairs	1
AMSOM Programme Office	19
Communications	3
Graduate Admissions	2
Graduate School & Research	1
Undergraduate College	1
Office of Director, Administration	1
Office of the Dean of Students	3

CIRCLE OF CARE

Students come to Ahmedabad University from different backgrounds and with different expectations. Coming to the University can be exciting for some students as it opens many opportunities for them to grow and learn more about themselves, live out their passions, and gain a better understanding of the world around them. Yet, for many, the

transition to the University can be an unsettling one. To cater to the different requirements of students, Ahmedabad University created a Circle of Care (CoC) programme in the academic year 2018-19. This programme involves the Wellness Centre, Student Support, Engagement and Tutelage at the Office of the Dean of Students, the Career Development Centre, the Office of the Dean of the Undergraduate College, and the Schools. Under this initiative, incoming students were organised into groups of about 20-23 students with a common Faculty Advisor and 2 Student Mitrs who are senior University students. The total of 1055 students who joined the University were divided into 51 heterogeneous groups of approximately 20 students each.

Student Mitrs were carefully selected and sensitised to be friendly, compassionate, and empathetic. They interacted with their allotted circle of new students even before the Orientation programme commenced. They remained engaged with them through both the semesters, and more closely during the first few weeks. The Mitrs encouraged new students to participate in extracurricular activities and familiarised them with various aspects of life at the University.

INTELLECTUAL AND CREATIVE ENGAGEMENT

CLUB CARNIVAL

It is a platform where 20 individual clubs and communities introduce themselves through activities during the Orientation. All the clubs were asked to present or prepare some interactive activity for the club carnival. A group of first year students along with their circle of friends attended the carnival and participated in their choice of club activities. Mitrs were informed to visit maximum clubs with their Circles in the given time frame. Students can register for up to 4 clubs to be a member of that club.

YOUTH FESTIVAL - PANORAMA

Panorama embodies inclusivity and a global perspective, celebrating the rich tapestry of cultures and talents within the youth community. The Panorama festival encapsulated a vibrant celebration of diversity, talent, and community within the University through a plethora of events including poetry slams, gaming tournaments, artistic showcases, and more. Furthermore, Panorama embraced technological innovation, evident in events like the Reel Making Competition and LAN Gaming.

CULTURAL EVENTS

GARBA | OCTOBER 18, 2023

Navaratri is one of the most prominent festivals celebrated in India. In the State of Gujarat, people celebrate this festival by vibrantly performing the folk dance of the state, Garba, for nine nights and venerating Mother Goddess Amba. In an attempt to celebrate and embrace this cultural phenomenon, the University organises 'Ahmedabad University Garba' every year, wherein the entire university fraternity is invited to participate.

ONAM | AUGUST 26, 2023

The Onam festival represents the values of selflessness, charity, sacrifice, and submission. The festival brings a lot of flavors alongside the return of Mahabali to Kerala, with a huge array of dishes specially prepared to celebrate the harvest season.

ROOH-E-BHARAT | APRIL 3, 2024

This event was conducted to create a platform where people can connect, learn and embrace the richness of different cultures, promoting inclusivity, diversity, and harmony within our community. By showcasing a variety of dance styles such as Bhangra, Laavni, Ghoomar, Bihu, Bengali Folk, Kashmiri Folk, Thiruvathira, Goan, and Mass, the event aims to promote cultural exchange and unity among participants and attendees.

HIKING | APRIL 5-7, 2024

This event, spanning across two days and three nights, offered the participants the unique experience of trekking and camping. The primary objective of this event was to provide an immersive natural experience while ensuring that the participants could enjoy the thrill of adventure. The venue for the expedition was Sandhan Valley Trek "Valley of Shadow" (Base Village: Samrad, Ahmednagar)

CHAURAHA | MARCH 16-17, 2024

Chauraha was a heritage fest organised in collaboration with the 5th International Conference on Heritage Management. The fest included hands-on activities, dance, food, theatre, games, and music. Some renowned local artists were invited to perform at the fest, including Arjan Trivedi (Bhavai Performance), Tulsi Patra Art by Harshdeepsinh Jadeja (Folklore and storytelling), Mahesh Vaidya (Comedian), Rajan Panchal (Sufi Folk Music), Niraj Chitara and team (Mata ni Pachedi).

LITERARY FEST | JANUARY 17-19, 2024

Carrying forward the legacy of the flagship event, the Literary Club, in collaboration with the University Library System, inaugurated the third edition of the Ahmedabad Literary Festival. The three day event revolved around the theme of "Literature and __: Exploring the Intersections". Students delved into the domains of folklore, word building and nostalgia.

TREBLE DUSK | MARCH 27, 2024

In this event, all the members of the Music Club had the opportunity to showcase their talents. It concluded with a showdown concert performed by the University students.

WILDLIFE PHOTOGRAPHY | JANUARY 20-21, 2024

This event brought together students, alumni, and faculties in a thrilling experience of wildlife photography at the Rann of Kutch. The participants were also able to connect with the animals as well as understand the conservation challenges that the sanctuary and wildlife face.

SPORTS FEST | FEBRUARY-MARCH 2024

The Sports Fest is the Flagship event of the Sports Club, organised to ensure enthusiastic participation among the participants in multiple sports.



STUDENT CLUBS

CLUB ACHIEVEMENTS

Two student clubs – Dance Club and Heritage Club – were awarded the Chairman's Awards for excellent performance on Foundation Day. They received certificates as an appreciation and recognition of their efforts and contributions.

Name of Club	Event Name	Month of Occurrence	Position Secured
Dance Club	Viaje (Karnavati University)	January 2024	First
Dance Club	Chaos (IIM Ahmedabad)	January 2024	First
Dance Club	Spectrum (NIFT Ahmedabad)	April 2024	First
Dance Club	Blithchron (IIT Gandhinagar)	March 2024	First
Quiz Club	Anveshan 11.0 (Nirma University)	January 2024	First
Quiz Club	Quiz on the Beach (TAPMI)	December 2023	First West Zone
Theatre Club	MICANVAS (MICA)	November 2023	First
Theatre Club	Perspective Ritcher 10 (Nirma University)	February 2024	First
Theatre Club	Synapse (DAIICT)	February 2024	Second
Theatre Club	Antaragnee (IIT Gandhinagar)	March 2024	First
Fine Arts Club	Mood Indigo (IIT Bombay)	December 2023	First
Robotics Club	Robofest Gujarat 3.0 (Government of Gujarat)	December 2023	Second





Clubs	Events
Dance Club	6
Design Club	6
Entrepreneur's	12
Film Appreciation	15
Fine Arts	9
Fitness Club	10
Food Club	9
Heritage Club	11
Literary Club	10
Management Club	14

Music Club	8
Photography Club	11
Programming Club	10
Social Service Forum	6
Quiz Club	14
Sports Club	10
Student's Magazine Club	6
Robotics Club	6
Theater Club	13
WDC	8



SPORTS

The sports and games at the University are comprehensive programmes that incorporate many activities during an Academic year. The activities available to students encompass indoor and outdoor sports such as Basketball, Badminton, Chess, Cricket, Carom, Football, Frisbee, Shooting, Table Tennis, Tennis, Volleyball, and Yoga, among others. The University Centre also has a well-equipped gymnasium with modern equipment like cross trainer, rowing machines, treadmills, and more, and a trained instructor.

STAFF ACHIEVEMENTS



SONIA BATHLA

Director of Sports

- Appointed as International Technical Official to represent the country at Fédération Internationale de Hockey (FIH) Pro League Hockey Tournament held at Bhubaneswar, India, February 1-19, 2024.
- Won the Hockey India President Award for Best Technical Official of the Year 2023, presented by the National Hockey Federation of India in March 2024.
- Appointed as Technical Delegate at National Women's Hockey League 2024 held at Ranchi, India, April 30 to May 9, 2024.



SHAM GURAV

Professor of Practice of Engineering, School of Engineering and Applied Science

PARDEEP RANA

Sports Coordinator

JIGNESH SINGH

Manager, Office of Undergraduate Admissions and Financial Aid

AKHIL MATHEW

Executive, Digital Marketing, Office of Undergraduate Admissions and Financial Aid

DENISH KANERIYA

Assistant Manager, Information Technology

Winners of the Inter-University Sports Tournament AU Masters Cup 2024, held at Ahmedabad University in March 2024.

CAMPUS RUN

Introduced students to Ahmedabad University's commitment to holistic development, emphasising wellbeing, physical fitness, and a vibrant sporting culture as essential components of a healthy and active lifestyle.





AHMEDABAD UNIVERSITY CUP 2024

The third edition of the Ahmedabad University Cup 2024 was held at the University Sports Complex on March 1-3, 2024, where 800 players participated across the State in Badminton, Volleyball, Football, Basketball and Cricket.

SPORTS TEAMS ACHIEVEMENTS 2023-24

Ahmedabad University is a member of the Association of Indian Universities (AIU) and participates actively in games and sports being organised/affiliated by AIU at West Zone and all-India levels. The University also encourages the participation of athletes at the state, national, and international level tournaments affiliated to various governing bodies.

University Badminton (Men's) Team

2nd place

- DAIICT, Gandhinagar, October 26-29, 2023
- IIM Ahmedabad, November 26-30, 2023

University Basketball (Women's) Team

1st place

- IIM Ahmedabad, November 26-30, 2023

2nd place

- DAIICT, Gandhinagar, October 26-29, 2023
- PDEU, Gandhinagar, February 12-17, 2023

3rd place

- INDUS, Ahmedabad, January 8-13, 2024



University Chess (Men's) Team

1st place

- IIM Ahmedabad, November 26-30, 2023
- PDEU, Gandhinagar, February 12-17, 2023
- GNLU, Ahmedabad, February 10-13, 2024

2nd place

- DAIICT, Gandhinagar, October 26-29, 2023

University Cricket (Men's) Team

2nd place

- IIM Ahmedabad, November 26-30, 2023
- Ahmedabad University, March 1-3, 2024

University Volleyball (Women's) Team

1st place

- DAIICT, Gandhinagar, October 26-29, 2023
- Ahmedabad University, March 1-3, 2024

2nd place

- IIM Ahmedabad, November 26-30, 2023

University Football (Men's) Team

1st place

- DAIICT, Gandhinagar, October 26-29, 2023

2nd place

- IIM Ahmedabad, November 26-30, 2023

University Table Tennis (Women's and Men's) Team

1st place

- IIM Ahmedabad, November 26-30, 2023.

University Tennis (Men's) Team

1st place

- IIM Ahmedabad, November 26-30, 2023.

Representation at National-level competitions

Chess (Individual)

Vrandesh Anish participated in 52nd Junior National Competition, September 22-28, 2023.

Equestrian

Elizabeth Balaram qualified for 80-meter Junior National Equestrian Championship (JNEC) Endurance, February 2-4, 2024.





Representation at AIU competitions

Volleyball

The University Volleyball (Women's) Team participated at the West Zone Inter-University Tournament organised by Gyan Sagar Group of Institution, Sagar, Madhya Pradesh, and affiliated to AIU.

Basketball

The University Basketball (Women's) Team participated at the West Zone Inter-University Tournament organised by ITM University, Gwalior, and affiliated to AIU.

Football

The University Football (Men's) Team participated at the West Zone Inter-University Tournament organised by HSNC University, Mumbai, and affiliated to AIU.

10M Air Rifle

The University Air Rifle (Women's) Team participated at the South West Zone Inter-University Tournament organised by Kurukshetra University, Kurukshetra, and affiliated to AIU.







THE NALANDA

The University believes in building a spirit of enquiry and independent thinking by exchanging ideas and developing bridges between disciplines, cultures, and society. The Nalanda is a unique initiative that brings students in close contact with deep thinkers through inspiring and transformational conversations with them. These events are detailed below.



ANEESH PRADHAN

Tabla Maestro
Tabla in the 21st Century
August 23, 2023



AMIT AMBALAL

Artist and Author
The Lightness of Being
September 27, 2023



SHARADA SRINIVASAN

Archaeologist and Professor
National Institute of Advanced Studies
(NIAS), Bengaluru
Navigating Multiple Forms of Heritage:
Metal, Natyam, and Digital
October 11, 2023



MOHD TARIQUE

Ashoka Fellow
Director, Koshish
Poverty and Destitution: Issues,
Challenges, and Opportunities
January 10, 2024



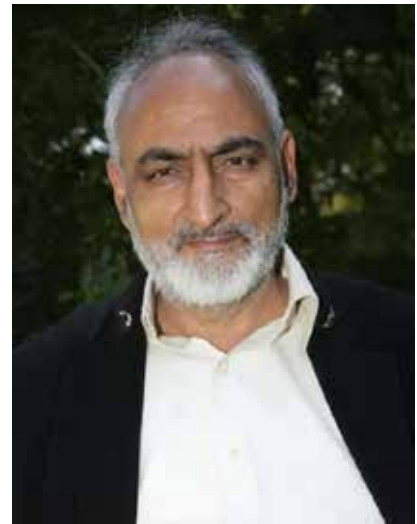
STEPHEN ALTER

Naturalist and Conservationist
**THE COBRA'S GAZE: Exploring India's
Wild Heritage**
February 7, 2024



SHANNON OLSSON

*Scientist, Chemical Ecologist and
Educator*
**How can we solve the Global Polycrisis
together?**
March 6, 2024



RAKESH MISHRA

Director
**Tata Institute for Genetics and Society
Environmental Surveillance, One Health,
and Beyond**
April 3, 2024

FIFTEENTH FOUNDATION DAY

On our 15th Foundation Day, celebrated on February 26, 2024, Vice Chancellor Professor Pankaj Chandra took the audience down memory lane, reflecting on the 15 years of hard work and unwavering dedication to academic excellence, research advancements, and community and social engagement, that have helped build Ahmedabad University.

"Ahmedabad University will surely emerge as one of the most impactful research universities in this country in the times to come, and will recreate and reimagine education in a way where young people learn to contribute to the larger society," he said.

On the occasion, National Film Award-winning filmmaker, director, and producer Rajkumar Hirani shared his ideas on the filmmaking process, the art of storytelling and the role of education in society. Hirani was in conversation with Sarthak Bagchi, Assistant Professor at Ahmedabad University, and Abhijat Joshi, screenwriter, director, and producer. Hirani also lauded the University's approach to education in terms of exchange of knowledge, interdisciplinary, and experiential learning.

The celebrations concluded with the Chairman's Awards ceremony, where the faculty, students, and staff, were recognised for their exemplary service and innovative contributions.



THIRTEENTH ANNUAL CONVOCATION

As 799 students celebrated a major milestone in their educational journeys, receiving degrees at the 13th Annual Convocation at Ahmedabad University on December 9, 2023, the Chief Guest, Chairman and Managing Director of Godrej Industries Limited, Mr Nadir Godrej commended the University for promoting liberal education and interdisciplinary learning. Praising the importance accorded to education by Gujarat's Ahmedabad Education Society, which paved the way for many prominent institutions, he said "Ahmedabad University is perhaps the greatest project of all, an institution standing tall." Presiding over the function, Chancellor Mr Sanjay Lalbhai said that Ahmedabad University is evolving as one of the finest research universities in India.

Vice Chancellor Professor Pankaj Chandra advised the students to "fulfil the public good promise of education – to become a better citizen of whichever society you choose to live in." "Remember that your welfare lies in the welfare of others. Do things that will help make others better because others have done that for you", he stated.

The graduating students at the Convocation included 463 students from the Amrut Mody School of Management, 120 students from the School of Arts and Sciences, 216 students from the School of Engineering and Applied Science, and six doctoral students.



UNIVERSITY LIBRARY SYSTEM

The University Library System plays an integral role in supporting student learning and nurturing creativity and the reading habit among the academic community. It encourages student participation and information literacy by offering liberal visiting hours, as it is open 24 hours from Monday to Saturday and from 9 am to 6 pm on Sundays. The timings are also extended during examinations.

The Library at Ahmedabad University is rapidly emerging as one of the country's leading academic and research libraries. It has expanded its collection of research journals, premium images, educational videos, online newspapers, and magazines, in addition to the ongoing acquisition of print books, journals, and databases to meet the diverse and evolving needs of students and faculty. The collection supports a multidisciplinary curriculum and research requirements covering Engineering, Computer Science, Mathematics, Humanities, Management, Biological Sciences, and Social Sciences. During the year, the University Library System strengthened partnerships with academic departments, faculty members, and various student clubs by organising workshops, lectures, book talks, and outreach programmes. These collaborations were instrumental in optimising the use of library resources and broadening scholarly communication among students, faculty, and staff.

Number of Volumes of Books	47605
Number of Titles	36012
Number of Books Added during April 2023-March 2024	673
E-books (ProQuest E-Books Central - 234498 + Springer LNCS - 6008 + Wiley online Books 134)	240640+
Print Journals	
International	17
National (Number of titles - 36, Number of volumes – 41)	41
Print Magazines	
International	4
National (Number of titles - 33, Number of volumes – 40)	40

Newspapers	
Online	4
Print (Number of titles - 12, Number of volumes – 25)	25
Online Journals	8574
Full-text Databases (E-Journals and E-books)	17
Statistical Databases	11
Bibliographic Databases	2
Newspaper and Magazine Database	1
Image Database	1
Standard	1
Self-study CDs/DVDs:	3614
Other Learning Material: (Bound Vol., Thesis / Dissertation, etc.)	1034+

DIGITAL RESOURCES

Full-Text Journals

ACM Digital Library (170 Journals)
 ACS Science Essential Package (05 Journals)
 American Institute of Physics (AIP) – eSS Collection (19 Journals)
 American Society of Mechanical Engineers (ASME) (34 Journals)
 APA PsycArticle (122 Journals)
 Cambridge University Press (15 Journals)
 EBSCO Business Source Ultimate (3041 Journals)
 IEEE Xplore Digital Library (384 Journals)
 JSTOR Archives & Primary Source Collection (2888 Journals)
 Oxford University Press HSS Collection (195 Journals)
 Project Euclid Premium Collection (31 Journals)
 Project Muse Premium Collection (723 Journals)
 ScienceDirect (631 Journals)
 Sage Journals Collection (316 Journals)

Full-Text Online Books

ProQuest E-Books Central Academic Complete (234498+ Books)
 Springer Computer Science E-Books with LNCS (6008 + Books)
 Wiley Online Books [134 (63 Chemical Engineering & 71 Mechanical Engineering)]

Other Databases

Artstor
 BIS Standards
 Grammarly
 MathSciNet
 Press Reader
 Scopus

Statistical Databases

ACE Knowledge & Research Portal
 CMIE Consumer Pyramids Household
 Survey (CPHS) dx
 CMIE Economic Outlook
 EPWRF India Times Series
 India Stat
 CMIE Industry Outlook
 CMIE ProwessIQ
 Venture Intelligence PE/VC Deals
 Database
 Refinitiv Eikon
 CMIE State of India
 Tracxn

DIGITAL INITIATIVES

The University Library System is committed to enhance library services through various digital initiatives, as detailed below:

- The Integrated Library Management System-KOHA is being used for the library operations.
- The Central Library and School of Arts & Sciences Reading Room have implemented an RFID system for enhanced security.
- All students, faculty, and staff are provided RemoteX facility to access the online resources subscribed by the library.
- Users of Library resources are provided access to similarity check services through Turnitin software.
- Access to a reference management software (EndNote) and writing support software (Grammarly) is provided to all users.
- Users can access all the resources on a single platform ProQuest Summon Discovery Service.
- Institutional Repository Dspace is provided to users to archive all in-house publications and other reference resources.
- All library requests are managed through request tracking software GLPI.

SERVICES

Alumni Membership
 Book Drop Service
 Book-Share: A space to donate, borrow, and recommend books.
 Circulation Services
 Discovery Service
 Document Delivery Services
 Guest Membership
 HBR Case Study Procurement
 Information Literacy Programmes
 Inter-Library Loan (ILL)
 New Arrivals Alerts
 Newspaper Display
 Plagiarism Checking
 Reference Services
 Table of Content (TOC) Service

FACILITIES

Centralised Air Conditioned Library
 Creativity Hub
 Reading Cubicles
 Discussion Rooms
 E-hub
 E-hub for Visually Impaired
 E-mail and SMS Alert
 Library extended hours during examinations
 Reading Rooms with Wi-Fi Facility
 Remote Access
 RFID (Self Check out and Check in)
 Screening of Swayam Prabha Channel

ART EXHIBITIONS

Two art exhibitions were organised in collaboration with the Performance Arts section, showcasing the paintings of its students.

Thematic Book Displays were organised during various occasions in the year, such as Independence Day, Gandhi Jayanti, Yuva Diwas, International Mother Language Day, International Women's Day, World Book and Copyright Day, and World Environment Day.

These activities highlight Ahmedabad University Library's commitment to fostering learning, collaboration, and community engagement through various events and initiatives.

EVENTS

AUTHOR WORKSHOP ON PUBLISHING IN HIGH IMPACT JOURNALS | JULY 13, 2023

The Library hosted a workshop delivered by Dr Shubhasree Nag from Clarivate Analytics, aimed at enhancing publishing skills.

BOOK-SHARE AND READ ALONG INITIATIVE | AUGUST 12, 2023

A 'Book-Share and Read Along' initiative was organised for school children as part of the Librarian's Day celebrations. Under this initiative, the University Library donated around 185 books to Vadaj Hindi Shala No. 1, Smart School, and conducted storytelling sessions for students of Grades 3, 4, and 5. Ahmedabad University students, faculty, and library staff volunteered for the storytelling sessions.

READING CHALLENGE 2023 | SEPTEMBER 27-NOVEMBER 2, 2023

The second edition of the Reading Challenge aimed to instil reading habits in students through a six-week programme. Each participant read one book per week on various themes like Classics, Travel Writing, Current Research, Inspiration, Business Buzz, and Social/Economical/Political Analysis. The programme comprised two expert-led workshops on Travel Writing and Storytelling, conducted by Professor Tana Trivedi and Professor Chirag Trivedi, respectively, followed by a Roundtable discussion moderated by Dr Sanjay Banavar.

LIBRARY COLLABORATION AND NETWORKING CONCLAVE | OCTOBER 14, 2023

In collaboration with ADINET, the Library organised a conclave focusing on Library Collaboration and Networking. During the event, Vice Chancellor, Professor Pankaj Chandra and Smt Rhoda Bharucha delivered a session on "Prospects of Library Collaboration," followed by a panel discussion titled "Dimensions of Library Collaboration and Networking", featuring Professor Parag Patel, Professor Mehul Raval, Dr Subhashree Nag, and Dr Dnyaneshwar Jadhav. Dr Fenil Shah led a focus group brainstorming session engaging representatives from 18 institutes.

TAKE AWAY ALL BOOKS AND MAGAZINES 2023 | NOVEMBER 20-24, 2023

During this week-long event, community members were allowed to take home books and magazines.

YUVA DIVAS | JANUARY 12-19, 2024

This occasion was marked with a talk by Professor Vinod Mall on "Conquering the Labyrinth of Competitive Exams", and a thematic book display on religion and philosophy.

AHMEDABAD LITERARY FESTIVAL | JANUARY 17-19, 2024

The Ahmedabad Literary Festival was celebrated in collaboration with the Literary Club. The participants enjoyed the following activities throughout the festival:

- Tales and Trails: Hunt for the Lost Legends
- Literature and Worldbuilding (A Wordbuilding Workshop)
- Genre Press - Literature and Nostalgia: Open mic
- Down the Memory Lane (Literature and Nostalgia) and Closing ceremony
- Blind Book Date (with a Fortune-telling Element)
- Storyteller's junction: Literature and Story Building
- Truth or Lie: Literature and Trivia

SHORT STORY COMPETITION | FEBRUARY 21, 2024

A Short Story Competition was organised to celebrate International Mother Language Day. Participants wrote stories in languages such as Gujarati, Hindi, Haryanvi, Marwari, Sindhi, and Urdu. Ten students participated, with Ammar Bohra, Vrunda Gadesha, Honey Dhanecha, and Dhruvi Agarwal emerging as the Best Story Writers. On this occasion, the Central Library also exhibited books focusing on Indian languages.

POETRY WRITING WORKSHOP | MARCH 21, 2024

A workshop was held to mark World Poetry Day, facilitated by Professor Purabi Bhattacharya, with 16 student participants.

BOOK SWAP EVENT | APRIL 23, 2024

The Library organised a Book Swap event, wherein the participants contributed a diverse array of books. This initiative signified a distinctive experience for the reading community.

FACULTY PUBLICATION DISPLAY | APRIL 23-30, 2024

A faculty publication display was arranged as part of the World Book Day-2024 celebration. The exhibition showcased 51 books and 60 journals authored by faculty members of Ahmedabad University, drawing significant attendance from faculty members, staff, and students.

COMMENTARY AND DISCUSSION ON FOOD WASTE | JUNE 5, 2024

On the occasion of World Environment Day, the University Library System organised a commentary on the movie Food Waste Is the World's Dumbest Problem, in collaboration with the Bagchi Bagchi School of Public Health. It included a discussion on avoiding food waste among Kaumudi Joshipura, Dean and Professor, Bagchi Bagchi School of Public Health; Minal Pathak Associate Professor Global Centre for Environment and Energy, and Rahul Bhale, Assistant Director, Food Services and Nutrition.

ORIENTATION AND BRIEFING SESSIONS

A series of orientation (7 sessions) and briefing sessions (12 sessions) were held throughout the year to familiarise students, staff, and faculty with library resources and services.

INSTITUTIONAL MEMBERSHIP

- Association of Management Development Institutions in South Asia (AMDISA) - Lifetime Membership
- CEPT University - Membership
- Current Science - Lifetime Membership
- Developing Library Network (DELNET) - Annual Membership
- Indian Institute of Technology Gandhinagar (IITGn) - Annual Membership
- Information and Library Network (INFLIBNET) - Annual Membership
- Vikram Sarabhai Library Ahmedabad (IIMA) - Annual Membership

LIBRARY COMMITTEE

- Dhaval Patel, Associate Professor, School of Engineering and Applied Science (Chairperson)
- Souvik Sen Gupta, Assistant Professor, School of Arts and Sciences
- Adarsh Venkataraman Ganesan, Assistant Professor, School of Engineering and Applied Science
- Shibashis Mukherjee, Assistant Professor, Amrut Mody School of Management
- Vinod Madhavan, Associate Professor, Amrut Mody School of Management
- Joseph Van Weelden, Assistant Professor, School of Arts and Sciences
- Mihir Jhaveri, Chief Financial Officer, University Office
- Sangita Purohit, Head Library, University Library System
- Aditi Patel, Doctoral Student, School of Arts and Sciences
- Shambhavee Gaurang Joshi, Undergraduate Student, School of Arts and Sciences
- Sanjay Banavar, Director of Libraries, University Library System

RESEARCH | UNIVERSITY LIBRARY

INVITED TALKS

Banavar, S. Empowering Minds: The Library as a Nexus for Connected Learning and Creativity. *lisforum_orissa*, Virtual, November 14, 2023.

Banavar, S. Role of Library to Enhance the National Education Policy in Higher Education. *Pondicherry University*, Virtual, October 25, 2023.

Banavar, S. The Essence of Research Data Management in Academic Libraries: Policies and Procedures. *Visvesvaraya Technological University*, Virtual, June 16, 2024.





FINANCIAL STATEMENTS

REPORT ON THE AUDIT OF THE FINANCIAL STATEMENTS

We have audited the accompanying financial statements of Ahmedabad University ("AU") which comprise the Balance Sheet as at March 31, 2024, and the Income and Expenditure Account for the year then ended and a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India of the state of affairs of Ahmedabad University as at March 31, 2024 and its deficit for the year ended on that date.

We conducted our audit of the financial statements in accordance with the Standards on Auditing prescribed by the Institute of Chartered Accountants of India ("ICAI"). Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of Ahmedabad University in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India (ICAI) and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ICAI's Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of Ahmedabad University in accordance with the accounting principles generally accepted in India, including the applicable Accounting Standards. This responsibility also includes maintenance of adequate accounting records for safeguarding the assets of Ahmedabad University and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing Ahmedabad University's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate it or to cease operations, or has no realistic alternative but to do so.

The Management is responsible for overseeing Ahmedabad University's financial reporting process.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Auditor's Responsibility

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.



- Obtain an understanding of internal financial controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing our opinion on the effectiveness of the internal financial controls.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on Ahmedabad University's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause Ahmedabad University to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

Materiality is the magnitude of misstatements in the financial statements that, individually or in aggregate, makes it probable that the economic decisions of a reasonably knowledgeable

user of the financial statements may be influenced. We consider quantitative materiality and qualitative factors in (i) planning the scope of our audit work and in evaluating the results of our work; and (ii) to evaluate the effect of any identified misstatements in the financial statements.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Report on Other Legal and Regulatory Requirements

Further, we report that:

- We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
- In our opinion, proper books of account as required by the Act so far as it appears from our examination of those books.
- The Balance Sheet, the Statement of Income and Expenditure dealt with by this Report are in agreement with the relevant books of account.

As per our report of even date
For **Sorab S. Engineer & Co.**
Firm Registration No. 110417W
Chartered Accountants

Signed
CA. Chokshi Shreyas B.
Partner
Membership No. 100892
UDIN: 24100892BJZNXB7028
Ahmedabad
Date:-June 8, 2024



BALANCE SHEET

AHMEDABAD UNIVERSITY, AHMEDABAD

Balance Sheet as at March 31,2024

(Rs. in Crores)

Particulars	As at March 31,			
	2024		2023	
<u>Funds and Liabilities</u>				
(A) Funds				
Corpus Fund	186.24		186.24	
Capital Fund	159.61		160.70	
Earmarked / Endowment Funds	342.26	688.11	313.25	660.19
(B) Project Grants		2.62		2.14
Total		690.73		662.33
<u>Assets</u>				
(A) Property, Plant, Equipments and Intangibles Assets				
Gross Block	398.28		377.02	
Less: Depreciation/Amortization Fund	(155.95)		(131.76)	
	242.33		245.26	
Add: Capital Work in Progress & Advances	1.73	244.06	8.49	253.75
(B) Investments		267.52		267.18
(C) Current Assets, Loans & Advances				
Inventories	0.22		0.20	
Receivables	4.36		4.54	
Loans & Advances	7.09		7.40	
Cash & Bank Balances	22.15		6.06	
	33.82		18.20	
Less: Current Liabilities & Provisions	56.04		74.16	
Net Current Assets		(22.22)		(55.96)
(D) Income and Expenditure Account		201.37		197.36
Total		690.73		662.33

As per our report of even date
For **Sorab S. Engineer & Co.**
Firm Registration No. 110417W
Chartered Accountants

CA. Chokshi Shreyas B.
Partner
Membership No. 100892
Ahmedabad
Date:-June 8, 2024

Sanjay S. Lalbhai
President

Mihir Jhaveri
Chief Financial Officer

Income and Expenditure Account for the year ended March 31,2024*(Rs. in Crores)*

Particulars	As at March 31,	
	2024	2023
<u>Income</u>		
Fees (Net)	122.04	89.44
Interest Income (Net)	1.22	0.33
Other Income	2.70	2.44
Donation	4.00	-
Total	129.96	92.21
<u>Expenditure</u>		
Employee Emoluments	68.82	58.33
Educational Expenses	13.34	11.09
Financial Support to Students	12.36	9.49
Repairs and Maintenance Expenses	14.13	12.77
Utilities	4.34	4.08
Workshops/Events & Meeting Expenses	1.93	1.74
Other Administrative Expenses	9.03	7.53
Finance Cost	0.05	0.01
Total	124.00	105.04
Surplus/ (Deficit) before Depreciation / Amortisation	5.96	(12.83)
Less: Depreciation / Amortisation (Net)	(9.97)	(11.37)
Surplus/ (Deficit) for the year	(4.01)	(24.20)

As per our report of even date
For **Sorab S. Engineer & Co.**
Firm Registration No. 110417W
Chartered Accountants

CA. Chokshi Shreyas B.
Partner
Membership No. 100892
Ahmedabad
Date:-June 8, 2024

Sanjay S. Lalbhai
President

Mihir Jhaveri
Chief Financial Officer

BOARD OF GOVERNORS



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LALBHAI**

Chancellor
Chairman and MD
Arvind Limited



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Vice Chancellor



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Co-Chairman
Forbes Marshall
Former President,
CII



**SANJAY
GOKHALE**

Registrar
Member Secretary
From December 2023



**MUKESH
KUMAR**

Principal Secretary
Higher and
Technical Education



**PUNIT
LALBHAI**

Executive Director
Arvind limited



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MEHTA**

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Torrent Group



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PARIKH**

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Equinox Solutions Ltd.



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PATEL**

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Zydus Lifesciences



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SOPARKAR**

Senior Advocate
Gujarat High Court



**DEVANATH
TIRUPATI**

Executive Provost



**BHUPENDRA
SHAH**

Registrar
Member Secretary
Until December 2023

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Vice Chancellor



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Mangement
Until September 2023



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Amrut Mody School of
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From December 2023



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Bagchi School of
Public Health



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School of Engineering
and Applied Science



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Until May 2024



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School of Arts and
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Equinox Solutions Ltd.



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Dean
School of Arts and
Sciences



**DEVANATH
TIRUPATI**

Executive Provost



**BALAJI
SRINIVASAN**

Senior Advisor to the
Vice Chancellor
Until May 2024



**BHUPENDRA
SHAH**

Registrar and
Member Secretary
Until December 2023

ACADEMIC COUNCIL

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Vice Chancellor
Chairperson

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Dean
Amrut Mody School of Management
Member
Until September 2023

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Associate Dean
School of Arts and Sciences
Member

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Dean
Amrut Mody School of Management
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From June 2024

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Member
From December 2023

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Bagchi School of Public Health
Member

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School of Engineering
and Applied Science
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Centre for Heritage Management
Member

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School of Arts and Sciences
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School of Arts and Sciences
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Amrut Mody School of Management
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Associate Dean, Sciences
School of Arts and Sciences
Member

RAGHAVAN RANGARAJAN

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School of Arts and Sciences
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Registrar
Member
Until December 2023

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Distinguished Professor and Director
Global Centre for Environment and
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Member

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Associate Dean, Undergraduate
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Associate Professor, School of Arts
and Sciences
Member

DEVANATH TIRUPATI

Executive Provost
Member

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Vice Chancellor
Ahmedabad University

SANKARSHAN BASU

Dean
Amrut Mody School of Management
Ahmedabad University
Until September 2023

JAYATU SEN CHAUDHURY

Vice President
Commercial and Merchant Decision
Science
Chair, Marketing Modeling Committee
Board Member, American Express
Banking Corporation, India

SHOBHA DAS

Dean
Amrut Mody School of Management
From June 2024

ANANG LALBHAI

Managing Director
Pelican Group

KAUSHAL MEHTA

Vice President and General
Management
Ttec, India
Founder
Motif Inc

PRAKASH MODY

Chairman and Managing Director
Unichem Laboratories Limited

N S PARTHASARTHY

Managing Partner
Mela Ventures
Co-Founder
Mindtree

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Senior Associate Dean
Amrut Mody School of Management
Ahmedabad University

S RAGHUNATH

Professor of Strategy and Chair
Centre for Corporate Governance and
Citizenship
Indian Institute of Management
Bangalore

BHUPENDRA SHAH

Registrar
Ahmedabad University
Until December 2023

DEVANATH TIRUPATI

Executive Provost
Ahmedabad University

MIHKEL TOMBAK

Hatch Professor of Technology
Management and Strategy and Chair
Department of Management
University of Toronto

SCHOOL OF ARTS AND SCIENCES**MAYA JASANOFF**

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Coolidge Professor of History
Harvard University
Visiting Professor, Ahmedabad
University
Chairperson

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Founder and CEO
Eyestem
Co-Founder
Ignite Life Science Foundation
Member

JYOTSNA DHAWAN

Emeritus Scientist
Centre for Cellular and Molecular
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Member

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Independent Curator
Member

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Avantha Chair and Professor of
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King's College London
Centennial Professor
Department of Gender Studies
London School of Economics
Professor (Retired)
Centre for the Study of Law and
Governance
Jawaharlal Nehru University
Member

DEVESH KAPUR

Starr Foundation Professor of South
Asian Studies
Paul Nitze School of Advanced
International Studies
Johns Hopkins University
Member

VELLAT KRISHNA KUMAR

Visiting Professor
Amrita Vishwa Vidyapeetham
Member

ABHIJIT SEN

Emeritus Professor and Insa Senior
Scientist
Institute for Plasma Research,
Gandhinagar
Member

TANSEN SEN

Director, Center for Global Asia
Professor of History
New York University, Shanghai
Member

PRITI SHAH

Arthur F. Thurnau Professor of
Psychology
Chair, Psychology Department
University Of Michigan
Member
From January 2024

SCHOOL OF ENGINEERING AND APPLIED SCIENCE**KIRAN KARNIK**

Former President
NASSCOM
Chairperson

NARESH BHATNAGAR

Department of Mechanical
Engineering
Indian Institute of Technology Delhi
Member

PANKAJ CHANDRA

Vice Chancellor
Ahmedabad University
Member

SANJAY CHAUDHARY

Associate Dean

School of Engineering and Applied
Science
Ahmedabad University
Member

ASHANK DESAI

Chairman and Managing Director
Mastek
Member
Until March 2024

NILESH M. DESAI

Director
SAC-ISRO
Member
From March 2024

MANISH GUPTA

Director
Google Research India

PANKAJ JALOTE

Founding Director and Professor of
Computer Science
IIIT, Delhi
Member

SUNIL KALE

Dean
School of Engineering and Applied
Science
Ahmedabad University
Member

DEEPAK KUNZRU

Distinguished Professor and Dean
Graduate School and Research
Ahmedabad University
Member

SUMIT ROY

Integrated Systems Professor
University of Washington
Member

DHEERAJ SANGHI

Director
Punjab Engineering College
Member
Until March 2024

BHUPENDRA SHAH

Registrar
Ahmedabad University
Member
Until December 2023

DAKSHA SHAH

Managing Director
Pahal Financial Services Private
Limited
Member

R R SONDE

Professor
IIT Delhi- Abu Dhabi
Member

LYNN STEIN

Professor of Computer and Cognitive
Science
Olin College Of Engineering
Member

JAIMIN VASA

Chairman and Managing Director
Vasa Pharmachem Private Limited
Member
Until March 2024

PARESH VASANI

Founder and CEO
PCB Power
Member
From March 2024

CENTRE FOR HERITAGE MANAGEMENT

ASHOKE CHATTERJEE

Former Director
National Institute of Design
Chairperson

MOLLY KAUSHAL

Director
Centre for Heritage Management
Member

DEVANATH TIRUPATI

Executive Provost
Ahmedabad University
Member

PANKAJ CHANDRA

Vice Chancellor
Ahmedabad University
Member



LIST OF FACULTY

BHARGAV ADHVARYU

Professor

Amrut Mody School of Management
PhD, University of Cambridge

MAYANK AGGARWAL

Assistant Professor

Amrut Mody School of Management
PhD, Indian Institute of Management
Ahmedabad

SHUJA AHMED

Assistant Professor

School of Engineering and Applied
Science
PhD, Indian Institute of Technology
Patna

SAFWAN AMIR

Assistant Professor

School of Arts and Sciences
PhD, University of Madras

MD SHAHRUKH ANJUM

Assistant Professor

Amrut Mody School of Management
PhD, Indian Institute of Management
Bangalore

SARTHAK BAGCHI

Assistant Professor

School of Arts and Sciences
PhD, Leiden University

SANJAY BANERJI

Visiting Professor

Amrut Mody School of Management
PhD, The State University of New York

DIPANKAR BANDYOPADHYAY

Visiting Professor

Bagchi School of Public Health
PhD, University of Georgia

NITIN BANKER

Associate Professor

School of Engineering and Applied
Science
PhD, Indian Institute of Science
Bangalore

DINESH BAROT

Assistant Professor

Amrut Mody School of Management
PhD, Gujarat University

KUNAL BASU

Distinguished Professor

School of Arts and Sciences
PhD, University of Florida

SANKARSHAN BASU

Professor and Dean

Amrut Mody School of Management
PhD, London School of Economics

JAYENDRA BHALODIYA

Assistant Professor

School of Engineering and Applied
Science
PhD, The University of Warwick

BHUVAN BHATT

Assistant Professor

School of Arts and Sciences
PhD, University of Arkansas

VIVEK BHATT

Assistant Professor

Amrut Mody School of Management
PhD, Bhavnagar University

GAURAV BHATTACHARYA

Assistant Professor

Amrut Mody School of Management
PhD, Jawaharlal Nehru University

RUPSA BHOWMICK

Assistant Professor

School of Engineering and Applied
Science
PhD, Louisiana State University

SHILPA BHUPATHIRAJU

Visiting Professor

Bagchi School of Public Health
PhD, Tufts University

AMRITA BIHANI

Assistant Professor

Amrut Mody School of Management
PhD, CEPT University

URMI NANDA BISWAS

Professor

School of Arts and Sciences
PhD, Allahabad University

MARY ANN CHACKO

Assistant Professor

School of Arts and Sciences
PhD, Teachers College, Columbia
University

ARANYA CHAKRABORTY

Assistant Professor

Amrut Mody School of Management
PhD, McGill University

PANKAJ CHANDRA

Vice Chancellor and Professor

Amrut Mody School of Management
PhD, The Wharton School, University
of Pennsylvania, USA

NEEL KAMAL CHAPAGAIN

Professor and Director

Centre for Heritage Management
PhD, University of Wisconsin

SUGAT CHATURVEDI

Assistant Professor

Amrut Mody School of Management
PhD, Indian Statistical Institute

ADITYA CHATURVEDI

Assistant Professor

School of Arts and Sciences
PhD, Emory University

RAKESH CHATURVEDI

Associate Professor

Amrut Mody School of Management
PhD, Pennsylvania State University

SANJAY CHAUDHARY

Professor and Associate Dean

School of Engineering and Applied
Science
PhD, Gujarat Vidyapith

SAMYADAY CHOUDHURY

Assistant Professor

School of Arts and Sciences
PhD, Indian Institute of Science,
Bangalore

JATIN CHRISTIE

Senior Lecturer

Amrut Mody School of Management
PhD, Dharamsinh Desai University

SRIDHAR DALAI

Assistant Professor

School of Engineering and Applied
Science
PhD, Indian Institute of Technology
Mumbai

A DAMODARAN

Visiting Professor

Centre for Heritage Management
PhD, University of Kerala

AMIT DAS

Professor

Amrut Mody School of Management
PhD, University of Minnesota Twin
Cities

BIMAL DAS

Assistant Professor

School of Engineering and Applied
Science
PhD, Indian Institute of Technology
Patna

SHOBHA DAS

Dean and Professor

Amrut Mody School of Management
PhD, University of Minnesota Twin
Cities

SUCHISMITA DAS

Assistant Professor

School of Arts and Sciences
PhD, University of Chicago

KATHYAYINI DASH

Assistant Professor

School of Arts and Sciences
PhD, Centre for Theatre Dance and
Performance Studies

ADITI DEO

Assistant Professor

School of Arts and Sciences
PhD, Indiana University

VEDANT DEV

Assistant Professor

Amrut Mody School of Management
PhD, Indian Institute of Management
Ahmedabad

POONAM DUGAR

Assistant Professor

Amrut Mody School of Management
PhD, Gujarat University

MANOMOHINI DUTTA

Assistant Professor

School of Arts and Sciences
PhD, The University of Texas

ADARSH GANESAN

Assistant Professor

School of Engineering and Applied
Science
PhD, University of Cambridge

ARIJIT GANGULI

Assistant Professor

School of Engineering and Applied
Science
PhD, Institute of Chemical Technology

NITHIN GEORGE

Assistant Professor

School of Arts and Sciences
PhD, Indian Institute of Technology
Gandhinagar

RATNA GHOSAL

Associate Professor

School of Arts and Sciences
PhD, Indian Institute of Science,
Bangalore

SOUMEN GHOSH

Assistant Professor

School of Arts and Sciences
PhD, Institute for Plasma Research,
Gandhinagar

LOYIMEE GOGOI

Assistant Professor

Amrut Mody School of Management
PhD, Dibrugarh University

TIMOTHY GONSALVES

Distinguished Professor

School of Engineering and Applied
Science
PhD, Stanford University

GAURAV GOSWAMI

Assistant Professor

School of Arts and Sciences
PhD, Jawaharlal Nehru University

SAYAN GOSWAMI

Assistant Professor

School of Arts and Sciences
PhD, Louisiana State University

RAGHWINDER GREWAL

Assistant Professor

School of Arts and Sciences
PhD, Indian Institute of Technology
Madras

AARZOO GUPTA

Visiting Professor

School of Arts and Sciences
PhD, Thapar Institute of Engineering
and Technology

BAIBHAV KUMAR GUPTA

Assistant Professor

School of Engineering and Applied
Science
PhD, Indian Institute of Technology
Ropar

SAMARTH GUPTA

Assistant Professor

Amrut Mody School of Management
PhD, University of Boston

SOUVIK SEN GUPTA

Assistant Professor

School of Arts and Sciences
PhD, Jadavpur University

SUPRATIM DAS GUPTA

Assistant Professor

Amrut Mody School of Management
PhD, University of South Carolina

SHAM GURAV

Professor of Practice of Engineering

School of Engineering and Applied
Science
PhD, Delft University of Technology

CHANDLER HATCH

Assistant Professor

School of Arts and Sciences
PhD, Harvard University

TANYA JAIN

Assistant Professor

Amrut Mody School of Management
PhD, Indian Institute of Management
Bangalore

PRATEEK JAIN

Assistant Professor

Amrut Mody School of Management
PhD, Indian Institute of Management
Bangalore

KAUSHIK JANA

Assistant Professor

School of Arts and Sciences
PhD, Indian Statistical Institute,
Kolkata

MONA JANI

Assistant Professor

School of Engineering and Applied
Science
PhD, Savitribai Phule Pune University

MURARI KUMAR JHA

Assistant Professor

School of Arts and Sciences
PhD, Leiden University

HETAL JHAVERI

Assistant Professor

Amrut Mody School of Management
PhD, Sardar Patel University

JITESH JHAWAR

Assistant Professor

School of Arts and Sciences
PhD, Indian Institute of Science,
Bangalore

KEYUR D JOSHI

Assistant Professor

School of Engineering and Applied
Science
PhD, Queen's University

PANKAJ JOSHI

Distinguished Professor of Physics

School of Arts and Sciences
Director
International Centre for Space and
Cosmology
PhD, Bhavnagar University

KAUMUDI JOSHIPURA

Professor and Dean

Bagchi School of Public Health
PhD, Harvard University

VAIBHAV KADIA

Assistant Professor

Amrut Mody School of Management
Associate Dean
Office of Dean of Students
PhD, Ganpat University

SUNIL KALE

Professor and Dean

School of Engineering and Applied Science

PhD, Stanford University

ADITYA PRAKASH KANTH

Assistant Professor

Centre for Heritage Management

PhD, National Museum Institute

HARMEET KAUR

Assistant Professor

School of Engineering and Applied Science

PhD, Academy of Scientific and Innovative Research

MOLLY KAUSHAL

Professor and Director

Centre for Heritage Management

PhD, Moscow State University

MARYAM KAVESHGAR

Assistant Professor

School of Engineering and Applied Science

PhD, National Technical University of Ukraine

SNIGDHA KHUNTIA

Assistant Professor

School of Engineering and Applied Science

PhD, Indian Institute of Technology Guwahati

APAAR KUMAR

Associate Professor

School of Arts and Sciences

PhD, Emory University

ASHUTOSH KUMAR

Associate Professor

School of Arts and Sciences

PhD, Integral University

ASHWIN KUMAR

Associate Professor

Amrut Mody School of Management

Director

Centre for Learning Futures

PhD, Manipal University

ATUL KUMAR

Assistant Professor

Amrut Mody School of Management

PhD, Indian Institute of Management

Ahmedabad

DEEPAK KUNZRU

Dean

Graduate School and Research

Distinguished Professor

School of Engineering and Applied Science

PhD, University of Pittsburgh

SAMVET KURIL

Assistant Professor

Amrut Mody School of Management

PhD, Indian Institute of Management

Ahmedabad

NARENDRA KUSHWAHA

Assistant Professor

Amrut Mody School of Management

PhD, Indian Institute of Management

Tiruchirappalli

ANURAG LAKHLANI

Senior Lecturer

School of Engineering and Applied Science

Science

Master of Science, The University of

Texas at Arlington

VINODH MADHAVAN

Associate Professor

Amrut Mody School of Management

PhD, Golden Gate University

DARSHINI MAHADEVIA

Professor

School of Arts and Sciences

PhD, Jawaharlal Nehru University

VINOD MALL

Visiting Professor

School of Engineering and Applied Science

Science

PhD, DAIICT, Gandhinagar

PREETI MANECK

Senior Lecturer

Amrut Mody School of Management

PhD, Maharaja Sayajirao University of

Baroda

MAYURIBALA MANGRULKAR

Assistant Professor

School of Engineering and Applied Science

Science

PhD, Skolkovo Institute of Science and

Technology

KUNAL MANKODI

Senior Lecturer

Amrut Mody School of Management

PhD, Ganpat University

LEYA MATHEW

Assistant Professor

School of Arts and Sciences

PhD, University of Pennsylvania

ANAMIKA MAURYA

Assistant Professor

School of Engineering and Applied Science

Science

PhD, Indian Institute of Technology

Kanpur

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Assistant Professor

School of Arts and Sciences

PhD, Homi Bhabha National Institute

(DAE)

BIJAL MEHTA

Associate Professor

Amrut Mody School of Management

PhD, Sardar Patel University

MITAXI MEHTA

Assistant Professor

School of Engineering and Applied Science

PhD, Gujarat University

MONA MEHTA

Associate Professor

Associate Dean, Arts

School of Arts and Sciences

PhD, University of Chicago

RAVI MIGLANI

Professor of Practice of Management

Amrut Mody School of Management

Post Graduate Diploma in

Management, Indian Institute of

Management Ahmedabad

RACHNA MISHRA

Assistant Professor

School of Arts and Sciences

PhD, University of Delhi

VISWANATHAN MOHAN

Visiting Professor

Bagchi School of Public Health

PhD, University of Madras

PRITHWIRAJ MUKHERJEE

Associate Professor

Amrut Mody School of Management

PhD, ESSEC Business School, France

SHOMEN MUKHERJEE

Associate Professor

School of Arts and Sciences

PhD, Ben Gurion University

SUTAPA MUKHERJI

Professor

School of Arts and Sciences

PhD, Institute of Physics,

Bhubaneswar

RAJESH NAIDU

Assistant Professor

School of Arts and Sciences

Master of Fine Arts, Indiana State

University

SHEFALI NAIK

Assistant Professor

School of Engineering and Applied Science

Science

PhD, Sardar Patel University

AMIT NANAVATI

Professor

School of Engineering and Applied Science

PhD, Louisiana State University

PALLAVI NARAYAN

Associate Professor of Practice

School of Arts and Sciences

PhD, Indian Institute of Technology Delhi

TEJASWINI NIRANJANA

Professor

School of Arts and Sciences

Director

Centre for Inter-Asian Research

Dean of Online Learning

PhD, University of California

KEITA OMI

Assistant Professor

School of Arts and Sciences

PhD, University of Utah

DARSHANA PADIA

Assistant Professor

Amrut Mody School of Management

PhD, Saurashtra University

ASHWIN PANDE

Assistant Professor

School of Arts and Sciences

PhD, Indian Institute of Science and University of Maryland

SUDHIR PANDEY

Senior Lecturer

Amrut Mody School of Management

PhD, University of Lucknow

SHILPA PANDIT

Associate Professor

School of Arts and Sciences

PhD, Madras University

ARAVIND PANICKER

Lecturer

Amrut Mody School of Management

MBA, Institute of Chartered Financial Analysts of India

NIYATI PAREKH

Visiting Professor

Bagchi School of Public Health

PhD, University of Wisconsin-Madison

JINAL PARIKH

Assistant Professor

Amrut Mody School of Management

PhD, Dharamsinh Desai University

DHAVAL PATEL

Associate Professor

School of Engineering and Applied Science

PhD, Nirma University

KUNTAL PATEL

Assistant Professor

School of Engineering and Applied Science

PhD, Hemchandra North Gujarat University

PARAG PATEL

Senior Associate Dean

Amrut Mody School of Management

PhD, Gujarat University

SANKET PATEL

Associate Professor

School of Engineering and Applied Science

PhD, DA-IICT, Gandhinagar

SAPTAM PATEL

Assistant Professor

Amrut Mody School of Management

PhD, Gujarat University

MINAL PATHAK

Associate Professor

Amrut Mody School of Management

PhD, Gujarat University

PRAVAKAR PAUL

Assistant Professor

School of Arts and Sciences

PhD, University of Iowa

SHASHI PRABH

Associate Professor

School of Engineering and Applied Science

PhD, The University of Virginia

R GUHA PRADEEPA

Visiting Professor

Bagchi School of Public Health

PhD, Madras University

BALAJI PRAKASH

Professor and Associate Dean,

Sciences

School of Arts and Sciences

PhD, Indian Institute of Science, Bangalore

DHARAMASHI RABARI

Assistant Professor

School of Engineering and Applied Science

Science

PhD, Indian Institute of Technology

Guwahati

MOLLA RAMIZUR RAHMAN

Assistant Professor

Amrut Mody School of Management

PhD, Indian Institute of Technology

Kharagpur

AKHAND RAI

Assistant Professor

School of Engineering and Applied Science

PhD, Indian Institute of Technology Roorkee

ASHIM RAI

Assistant Professor

School of Arts and Sciences

PhD, Tata Institute of Fundamental Research

SUBHASH RAJPUROHIT

Associate Professor

School of Arts and Sciences

PhD, Maharshi Dayanand University

APARAJITH RAMNATH

Associate Professor

School of Arts and Sciences

PhD, Imperial College of London

ASHOK RANADE

Professor

School of Engineering and Applied Science

Science

MTech, Indian Institute of Technology Kanpur

CHAKRAVRTHI RANGARAJAN

Distinguished University Professor

Amrut Mody School of Management

PhD, University of Pennsylvania

RAGHAVAN RANGARAJAN

Professor and Dean

School of Arts and Sciences

PhD, University of California

MAHENDRA SINGH RAO

Associate Professor

Amrut Mody School of Management

PhD, XLRI, Jamshedpur

RAHUL RAO

Assistant Professor

Amrut Mody School of Management

BTech, Indian Institute of Technology Kanpur

MAYA RATNAM

Assistant Professor

School of Arts and Sciences

PhD, Johns Hopkins University

RAMA RATNAM

Professor

School of Arts and Sciences

PhD, University of Illinois at Urbana-Champaign

MEHUL RAVAL

Associate Dean, Experiential Learning and Professor
School of Engineering and Applied Science
PhD, Pune University

BINNY RAWAT

Senior Lecturer
Amrut Mody School of Management
PhD, Charusat University

KAMAL GHOSH RAY

Professor
Amrut Mody School of Management
PhD, University of Calcutta

NAGIREDDY NEELAKANTESWAR REDDY

Assistant Professor
School of Arts and Sciences
PhD, Indian Institute of Technology Gandhinagar

MOUMITA ROY

Assistant Professor
Amrut Mody School of Management
PhD, George Mason University

SOUVIK ROY

Assistant Professor
School of Engineering and Applied Science
PhD, Indian Institute of Engineering Science and Technology, Shibpur

RANU ROYCHOUDHURI

Assistant Professor
School of Arts and Sciences
PhD, University of Chicago

MANJIL SAIKIA

Assistant Professor
School of Arts and Sciences
PhD, University of Vienna

RAHUL SARWATE

Assistant Professor
School of Arts and Sciences
PhD, Columbia University

RUCHA SARWATE

Assistant Professor of Practice and Counsellor
School of Arts and Sciences
PhD, Savitribai Phule Pune University

KINSHUK SAURABH

Associate Professor
Amrut Mody School of Management
Fellow Programme in Management (FPM), Indian Institute of Management Ahmedabad

SHISHIR SAXENA

Assistant Professor
School of Arts and Sciences
PhD, University of Cambridge

SIDDHARTH SAXENA

Assistant Professor
Amrut Mody School of Management
PhD, Gujarat Law Society

FENIL SHAH

Director
Ahmedabad Design Lab
Associate Professor
Amrut Mody School of Management
Graduate of National Institute of Design, Bachelor of Industrial Product Design (BDes)

HARSHAD SHAH

Visiting Professor
School of Engineering and Applied Science
MTech, Indian Institute of Technology Delhi

SAUMIL SHAH

Senior Lecturer
Amrut Mody School of Management
MBA, Maharaja Sayajirao University of Baroda

ZALAK SHAH

Senior Lecturer
Amrut Mody School of Management
PhD, Gujarat University

EKTA SHARMA

Associate Professor
Amrut Mody School of Management
PhD, University of Rajasthan

NARESH SHARMA

Professor of Practice of Engineering
School of Engineering and Applied Science
Mastère en Techniques de l'Hélicoptère (Ecole Nationale Supérieure D'Ingenieurs de Constructions Aéronautiques (ENSICA), France)

ALOK SHUKLA

Assistant Professor
School of Arts and Sciences
PhD, University of Oklahoma

PRIYADARSHI SHUKLA

Distinguished Professor
Amrut Mody School of Management
Director
Global Centre for Environment and Energy
PhD, Stanford University

RITESH SHUKLA

Associate Professor
School of Arts and Sciences
PhD, Jamia Hamdard

AMIT SINGH

Assistant Professor
Amrut Mody School of Management
PhD, Indian Institute of Technology, Kharagpur

CHARU SINGH

Assistant Professor
School of Arts and Sciences
PhD, University of Delhi

DIVITA SINGH

Assistant Professor
School of Arts and Sciences
PhD, Indian Institute of Technology Gandhinagar

RAHUL SINGH

Assistant Professor
Amrut Mody School of Management
PhD, Indian Institute of Management Bangalore

RAMADHAR SINGH

Distinguished Professor
Amrut Mody School of Management
PhD, Purdue University

ADITI SINGHAL

Assistant Professor
School of Engineering and Applied Science
PhD, Indian Institute of Technology Roorkee

ABHINANDAN SINHA

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

DEEPAN SIVARAMAN

Professor
School of Arts and Sciences
MA, Central Saint Martins College of Art and Design, University of the Arts, London

LAKSHMI SREERAM

Associate Professor
School of Arts and Sciences
PhD, University of Mumbai

RAMYA SRINIVASAN

Assistant Professor
School of Engineering and Applied Science
PhD, Indian Institute of Technology Madras

MITA SUTHAR

Associate Professor

Amrut Mody School of Management
PhD, Gujarat University

KRISHNA SWAMY

Associate Professor

School of Arts and Sciences
PhD, Academia Sinica, Taiwan

VIVEK TANAVDE

Associate Professor

School of Arts and Sciences
Associate Dean, The Undergraduate
College
PhD, Mumbai University

SUSANTA TEWARI

Assistant Professor

School of Arts and Sciences
PhD, The University of Georgia

NIMIT THAKER

Lecturer

Amrut Mody School of Management
Master of Commerce, Gujarat
University

NOOPUR THAKUR

Assistant Professor

School of Arts and Sciences
PhD, Uppsala University

SUJO THOMAS

Senior Lecturer

Amrut Mody School of Management
PhD, Gujarat University

DEVANATH TIRUPATI

Executive Provost

Amrut Mody School of Management
PhD, Massachusetts Institute of
Technology

BHAWNATH TIWARI

Assistant Professor

School of Engineering and Applied
Science
PhD, UBFC, France

ISHITA TRIPATHI

Assistant Professor

Amrut Mody School of Management
PhD, Louisiana State University

VIBHA TRIPATHI

Assistant Professor

Amrut Mody School of Management
PhD, Gujarat University

BHAKTIDA TRIVEDI

Assistant Professor

Amrut Mody School of Management
PhD, Gujarat University

CHIRAG TRIVEDI

Assistant Professor

Amrut Mody School of Management
Master of Philosophy, Gujarat
University

TANA TRIVEDI

Lecturer

Amrut Mody School of Management
PhD, Christ University

JEEMOL UNNI

Professor

Amrut Mody School of Management
PhD, Gujarat University

PANKAJ VAISH

Professor of Practice of Management

Amrut Mody School of Management
MBA, University of Minnesota

ADITYA VAISHYA

Assistant Professor

School of Arts and Sciences
PhD, National University of Ireland

KRANTI VORA

Professor

Bagchi School of Public Health
PhD, University of Maryland College
Park

JOSEPH VAN WEELDEN

Assistant Professor

School of Arts and Sciences
PhD, McGill University

PALLAVI VYAS

Associate Professor

Amrut Mody School of Management
PhD, University of Chicago

PRADYUMANA VYAS

Distinguished Professor

Amrut Mody School of Management
Master of Design, Indian Institute of
Technology Mumbai

GUILLAUME WADIA

Assistant Professor

School of Arts and Sciences
PhD, Harvard University

SONAL YADAV

Assistant Professor

Amrut Mody School of Management
PhD, Gujarat University

MAZAD ZAVERI

Associate Professor

School of Engineering and Applied
Science
PhD, Portland State University

NEW APPOINTMENTS (STAFF)

VINEETA ANANDAN

Senior Manager, Office of Alumni Affairs
University Office

VARSHA BALASUBRAMANIAN

Executive, Office of Undergraduate Admissions and Financial Aid
University Office

SONU BAROT

Nurse, Office of the Dean of Students
University Office

RAJESH BISHT

Associate, Food Services and Nutrition
University Office

SURABHI BOSE

Manager, Content and Communications
University Office

MOHAMMED AAQIB CHOKWALA

Manager, Office of Graduate Admissions and Outreach
University Office

ARUNDHATI GARUD

Executive
Bagchi School of Public Health

AKSHARA GAUR

Executive, Internships and Placements, Career Development Centre
University Office

PRAKRITI GAUR

Senior Manager, Office of Undergraduate Admissions and Financial Aid
University Office

SANJAY GOKHALE

Registrar
University Office

ANISHA GOLIA

Senior Executive, Office of Graduate Admissions and Outreach
University Office

VANISHA GOPALANI

Executive, Office of Undergraduate Admissions and Financial Aid
University Office

SHIVKUMAR GURJAR

Executive, Food Services and Nutrition
University Centre

PARESH JAIN

Deputy Manager, Security and Liaisoning
University Office

UNNATI JANI

Executive Assistant
University Office

MIRA JHAVERI

Executive, Student Experience and Counsellor
University Office

RIDHESH JOSHI

Chief of Staff to the Executive Director
University Office

ABHILASH K R

Library Associate
University Office

RAHUL KANANI

Library Associate
University Office

SHRESHTHA KANANI

Executive, MIS & Analyst, Career Development Centre
University Office

AMRESH KUMAR

Dean of Students and Students' Success
University Office

DEEPIKA LALWANI

Executive, Graphics Design, Communications
University Office

ANINDYA MAITRA

Director, Executive and Continuing Education
University Office

AKHIL MATHEW

Executive, Digital Marketing, Office of Undergraduate Admissions and Financial Aid
University Office

AMIT MEHTA

Associate Director, Management Programmes, Office of Graduate Admissions and Outreach
University Office

ANUPMA MEHTA

Associate Director, Content and Communications
University Office

ILISHA MEHTA

Executive, Content Writer, Communications
University Office

ANANYA MOHAN

Executive, Graphics Design, Communications
University Office

SHASHIKANT NALAWADE

Executive, Food Services and Nutrition
University Office

DHARMISTHA PATEL

Utility Assistant, Food Services and Nutrition
University Office

PARTH PATEL

Horticulturist
University Office



UCHITA PATEL

*Deputy Manager, Digital Marketing,
Communications
University Office*

MUKESH PATIL

*Assistant Director, Operations and
Administration
University Office*

DEBADATTA PATRA

*Executive, Food Services and Nutrition
University Office*

FARHEEN QURESHI

*Senior Executive, Office of Graduate
Admissions and Outreach
University Office*

LEONARD ROZARIO

*Senior Manager, Office of
Undergraduate Admissions and
Financial Aid
University Office*

NAUSHIN SAIYAD

*Executive, Office of Graduate
Admissions and Outreach
University Office*

DEEPIKA SALUJA

*Manager, Internships and Placements,
Career Development Centre
University Office*

FORUM SHAH

*Executive Education, Assistant
Manager
University Office*

HITANKSHI SHAH

*Executive, Procurement
University Office*

SHALVI SHAH

*Executive, Events and Operations
Support
University Centre*

SANDESH TAMANG

*Senior Executive, Culinary, Food
Services and Nutrition
University Office*

ABHISHEK TAMRAKAR

*Senior Manager, Office of Graduate
Admissions and Outreach
University Office*

VINODJI THAKOR

*Groundsman
University Office*

MITTALBEN VALA

*Utility Assistant, Food Services and
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**Ahmedabad
University**

Ahmedabad University
Commerce Six Roads
Navrangpura, Ahmedabad 380009
Gujarat, India

info@ahduni.edu.in
+91.79.61911000/200/201