

Ahmedabad
University

| ANNUAL
REPORT 2021-2022

Vice Chancellor's Message



The academic year 2021 at Ahmedabad University brought out a multitude of emotions that ranged from returning back to the University after the pandemic to being welcomed by new architecture on the campus. Getting back to the vibrancy of the campus has been therapeutic. In our city of heritage, Ahmedabad, architecture and culture influence the way its citizens engage with it and its people. The University brought this to life with several new facilities on the campus. This year saw us reach new milestones in terms of increasing reputation and recognitions. This reflects our purposeful nature and a deliberate strategy to reimagine the classroom and what a university must stand for.

Ahmedabad University was recognised by the University Grants Commission (UGC) under section 12B of the UGC Act. It is a recognition given to select research universities and we are one of the few private research universities in the country to have received it. The University was also accredited by the National Assessment and Accreditation Council (NAAC) with an A grade. The Government of Gujarat awarded a Centre of Excellence status to the University after two years of rigorous evaluation. This brings enhanced autonomy in addition to a strong recognition of the increasing reputation of the University.

Ahmedabad is working to become a sustainable campus. The arboretum that we have been nurturing for the last four years has now taken shape, with over 800 trees of 100 varieties that are starting to provide a green forest-like cover within our urban campus. These complement the many 50-plus-year-old trees that dot our campus. Our newest building, the University Centre, used prefab slabs and other sustainable methods of construction to reduce material quantities and its waste. We have been improving our water harvesting system through our stepwell and connecting it to recharge wells, recycling waste and water, and increasing our renewable energy footprint. The campus has become a lab.

The academic year 2021 also saw several new buildings come up on the campus. The University inaugurated two major buildings on the Central Campus. The Amrut Mody School of Management moved into a renovated art-deco building from the 1930s. This building was refurbished by RMA Architects led by Rahul Mehrotra. Along with the Amrut Mody School of Management Plaza, it provides a contemporary home to a management school with 21st century concerns. It was inaugurated on Foundation Day, along with the University Centre designed by Stephane Paumier's firm SPA. A one-of-a-kind facility in India, the University Centre brings all student services together, including, perhaps, western India's best bookstore for serious readers, cafes, squash courts, gym, basketball and badminton courts, office for student services, conferences spaces, and spaces for student interaction and quiet reading, amongst others. The campus has now come together, and its academic seriousness matches with opportunities for the development of grounded leadership abilities in our students.

Experiments to make teaching deep and interdisciplinary continued vigorously with our signature Foundation Programme and an increasing number of ENABLE (or active learning and experiential) courses. This year we also started to build research clusters around grand challenges faced by the society. Their research and academic programmes will surely drive solutions for key challenges in times to come, especially as we achieve a critical mass of faculty in each cluster. The University also started a new research centre, International Centre for Space and Cosmology, to drive initiatives in an area that is increasingly becoming globally important. Ahmedabad also launched a unique scholarship programme, the Mahatma Gandhi Scholars Programme, aimed to bring some of the brightest and most talented students from across the country to the University and help them become agents of change in the society. VentureStudio has redesigned itself into a vibrant accelerator of new start-up ideas and has started to focus strongly around health and electronics, amongst other sectors.

The University is now poised for a deeper engagement with challenges of the society, and its foundation as a 21st century institution has been firmed up.

Pankaj Chandra

Vice Chancellor and
Chairman, Board of Management

↓ Inaugurated on our 13th Foundation Day, the University Centre designed by Stephane Paumier is a centre for the future, focusing on student engagement and discovery of the self.

Year at a Glance

UNIVERSITY CENTRE

An exciting new University Centre designed by Stephane Paumier of SPA Design welcomed students back to Campus this year. The aim was to create a space enabling students to discover themselves. The University Centre brings together all student services under one roof.

AMRUT MODY SCHOOL OF MANAGEMENT

The restored building of the Amrut Mody School of Management and the Plaza was inaugurated simultaneously with the University Centre on March 5, 2022, our 13th Foundation Day. This 85-year-old structure was restored by the Mumbai- and Boston-based RMA Architects led by Rahul Mehrotra.

MAHATMA GANDHI SCHOLARS PROGRAMME

This year also marked the beginning of our Mahatma Gandhi Scholars Programme, a first-of-its-kind University-wide Programme that seeks to bring to Ahmedabad University some of the brightest and most talented students from across the country.

12(B) RECOGNITION

The University Grants Commission recognised Ahmedabad University under section 12(B) of the UGC Act, a recognition given to select research universities. Ahmedabad University is one of the few private research universities in the country to have received this recognition.

CENTRE OF EXCELLENCE

The Government of Gujarat recognised Ahmedabad University as a Centre of Excellence. This recognition is part of a flagship initiative of the Government of Gujarat to select the best universities in the state and provide them with greater autonomy and regulatory freedom to allow them to achieve global standards in education.

GREEN CAMPUS INITIATIVES

As a University that seeks to address society's problems, green initiatives have always been at the core of our actions. These are some of our efforts toward green and sustainable living on Campus this year:

- The slabs of the University Centre are prefabricated, thus saving 20 per cent of steel over a conventional building. It is a dry construction with limited shuttering waste and limited curing water waste.
- The mechanical, electrical, and plumbing (MEP) systems of the University Centre are designed to reuse water efficiently for irrigation, flushing of toilets, and the heating, ventilation, and air conditioning (HVAC) make-up water tank.
- The SAS building and University Centre together have a 215 kW installed capacity of solar power generating 900 units (KWh) of electricity on an average daily.
- The University Centre has electric vehicle charging stations.
- A total area of 3 lakh square feet is developed as an Arboretum on the Central Campus, with 800 new trees planted overall.
- Food and garden waste is converted into organic manure, approximately 100 kg daily.
- Six of the recharge wells on Campus are connected to our stepwell, with work underway to connect the remaining three recharge wells.

FACULTY RESEARCH

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

During the academic year 2021-2022, faculty at the University have won 34 competitive research grants worth INR 2429.6 lakhs

KEY HIGHLIGHTS

STUDENT PRESENTATIONS	12
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GRANTS	34
TEACHING MATERIAL	12
PATENTS REGISTERED BY STARTUPS:	23
PATENTS REGISTERED BY FACULTY:	3

FINANCIAL AID AND SCHOLARSHIP

INR 5,10,61,864

Merit Based Scholarship	INR1,23,97,500
Need Based Scholarship	INR2,85,95,413
Mahatma Gandhi Scholars Programme	INR 9,45,000

ONE TIME FEES SUPPORT

Covid Impacted Students	INR 52, 20, 951
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OTHER SCHOLARSHIPS

INR39,03,000

GRADUATING STUDENTS

UNDERGRADUATE PROGRAMMES	258
GRADUATE PROGRAMMES	162
DOCTORAL PROGRAMMES	2
GLOBAL EXECUTIVE MBA IN PHARMACEUTICAL MANAGEMENT	15
DIPLOMA AND CERTIFICATE PROGRAMMES	5
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AMRUT MODY SCHOOL OF MANAGEMENT

The mission of the School is to advance the understanding of the practice of management through interdisciplinary enquiry and to build ideas from there to prepare responsible leaders who understand the context, are innovative, and believe in a sustainable world. The School currently offers wide-ranging, multi-faceted Undergraduate, Graduate, and Doctoral programmes, and short-term executive programmes for working professionals and other practitioners. Our Programmes are unique due to their strong inclusion of liberal arts, interdisciplinarity, and the focus on grand challenges.

Prakash Mody, Chairman and Managing Director of Unichem Laboratories, and son of Amrut Mody, inaugurated the restored Amrut Mody School of Management on Ahmedabad University's 13th Foundation Day on March 5, 2022.

Students in the Graduate and Executive Management programmes of the Amrut Mody School of Management now have their course lectures in a building that has an 85-year-old legacy. The restored Amrut Mody School of Management complex, comprising the late-Art Deco building from the 1930s and the new plaza was retrofitted and designed by RMA Architects led by Rahul Mehrotra.

PROGRAMMES

BACHELOR OF COMMERCE (HONOURS)

- Major in Accounting

BACHELOR OF COMMERCE PROFESSIONAL (HONOURS)

- 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 Research and Statistics
- Major in Operations Management
- Major in Supply Chain Management

INTEGRATED MASTER OF BUSINESS ADMINISTRATION

- Major in Family Business and Entrepreneurship

GRADUATE PROGRAMMES

- Master of Business Administration
- Master of Arts In Economics
- Master of Management Studies in Heritage Management

DOCTORAL PROGRAMME

- Management

EXECUTIVE EDUCATION

- Global Executive Master of Business Administration in Pharmaceutical Management
- R & D Managers of the Future

DIPLOMA AND CERTIFICATE PROGRAMMES

- Business Analytics
- Financial Analysis
- Strategic Digital Marketing

NEW FACULTY MEMBERS

Mayank Aggarwal

Assistant Professor
PhD in Strategy, Indian Institute of Management Ahmedabad, India

Gaurav Bhattacharya

Assistant Professor
PhD in Trade, Environment and Political Economy, Jawaharlal Nehru University, New Delhi, India

Aasheesh Dixit

Assistant Professor
PhD in Operations Management, Indian Institute of Management Lucknow, India

Punyashlok Dwibedy

Assistant Professor
PhD in Strategy, Indian Institute of Management Ahmedabad, India

Samarth Gupta

Assistant Professor
PhD in Economics, Boston University, Massachusetts, USA

Atul Kumar

Assistant Professor
PhD in Marketing, Indian Institute of Management Ahmedabad, India

Shibashis Mukherjee

Assistant Professor
PhD in Sociology, Indiana University, Bloomington, USA

Molla Ramizur Rahman

Assistant Professor
PhD in Finance, Indian Institute of Technology Kharagpur, India

Moumita Roy

Assistant Professor
PhD in Experimental Economics, George Mason University, USA

Fenil Shah

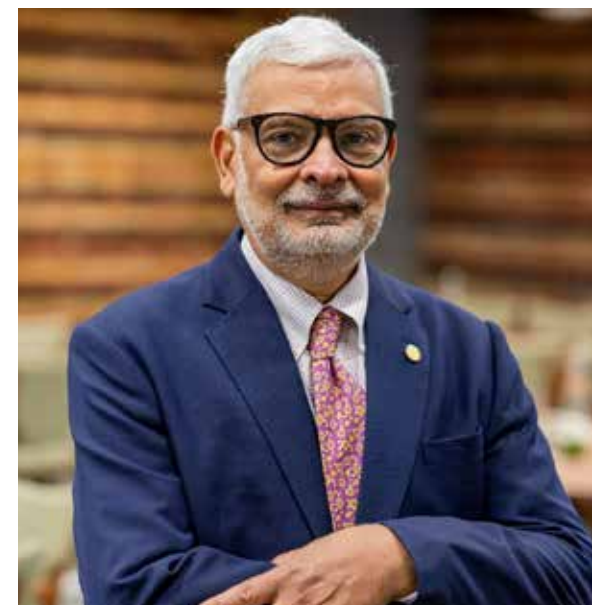
Associate Professor and Director, Ahmedabad Design Lab
Bachelor of Industrial Product Design, National Institute of Design, Ahmedabad, India

Abhinandan Sinha

Assistant Professor
PhD in Quantitative Economics, Indian Statistical Institute, Kolkata, India



FACULTY ACHIEVEMENTS



RAMADHAR SINGH

Distinguished University Professor

Honoured with the Purdue University Distinguished Alumni Award by the College of Health and Human Sciences on March 25, 2022.



PALLAVI VYAS

Associate Professor

Received a grant from the Abdul Latif Jameel Poverty Action Lab, J-PAL (MIT), for research on Impact of Education of the X&Y Chromosomes on Women's Agency and Experience of Domestic Violence.



JEEMOL UNNI

Professor



Nominated by the Government of Madhya Pradesh as a Member, Task Force on Statistics, to work towards improving databases and statistical systems of the Madhya Pradesh government.

JATIN CHRISTIE

Senior Lecturer

Conferred the Chairman's Award for Experiment to Advance Active Learning by Ahmedabad University.



SIDDHARTH SAXENA

Assistant Professor

Secured the 3rd position in the Global Business School Network Microsimulation Faculty Track competition.

RAHUL SINGH

Assistant Professor



Conferred the BRICS Economic Research Annual Award by India Exim Bank recognising his advanced doctoral research in economics that is of contemporary relevance to the member nations of BRICS.

Received the 2nd Best Paper Award at the 10th India Finance Conference.



MAYANK AGGARWAL

Assistant Professor

Conferred the Professor Tirath Gupta Memorial Award for Best Thesis by the Indian Institute of Management Ahmedabad.

SUJO THOMAS

Senior Lecturer



Conferred the IQAC Teaching Quality Excellence Award 2021 (Individual Category) by Indian Quality Assurance Council.

Conferred the Chairman's Best Researcher Award 2022 by Ahmedabad University.



MOUMITA ROY

Assistant Professor

Received a grant from the National Science Foundation for research on Group Identity in Leadership Effectiveness.



SHIBASHIS MUKHERJEE

Assistant Professor

Conducted a joint study with Clayton Thomas, Assistant Professor, Iowa State University, on Feeling Rule Management and Relational Authority: Fostering Patient Compliance in Palliative Care Consultations published in Organization Studies.



EVENTS

CONCOURSE

The annual management event organised on February 4-6, 2022, allowed our students to engage with industry leaders and over 200 peers from universities across the globe. The theme for this year was Ahvaan (translating to a call for change), with a particular focus on studying different start-ups and their marketing strategies over the past decade, and how these can be improved with changing times. Christ University emerged as the overall winner in the management event that comprised six events organised in hybrid mode.

WORKSHOP

A one-day workshop on R Programming for Data Analysis in Economics was organised on May 13, 2022, for Undergraduate students possessing a basic knowledge of Economics and Statistics to expose the participants to contemporary techniques of economic data analysis using R Programming. The workshop was conducted by Jinal Parikh, Assistant Professor, and Gaurav Bhattacharya, Assistant Professor.

CONFERENCE

The 3rd Annual Economics Conference, organised by the Economics and Public Policy Area, was held on March 11-12, 2022. The theme of this year's conference was The Road to an Inclusive Recovery – Post Pandemic Era with a policy focus on gender, health and education, agriculture, industry, macroeconomic perspectives, and political economy. The Conference featured plenaries by former RBI Governor C Rangarajan, Distinguished University Professor, Ahmedabad University, and Pinaki Chakraborty, Professor and Director, National Institute of Public Finance and Policy, New Delhi

Key speakers at the conference included:

Dilip Mookherjee

Professor, Boston University

Sudipta Sarangi

Professor, Virginia Polytechnic Institute and State University

JV Meenakshi

Professor, Delhi School of Economics, University of Delhi

Arpita Chatterjee

Associate Professor, IIM Bangalore

Maitreesh Ghatak

Professor, London School of Economics



STUDENT ACHIEVEMENTS



HASTI MODI

*Alumna and Gold Medallist
Bachelor of Business Administration*

Won the Diana Award 2022 for Humanitarian work. She is currently at the London School of Economics pursuing Master of Public Administration.



SHARIK LALIWALA

*Alumnus
Bachelor of Business Administration*

Admitted to the Political Science PhD programme at UC Berkeley on the Berkeley Fellowship.



PREET SHAH

Integrated Master of Business Administration

Received the Youngest Tourism Entrepreneur award by the Association of Domestic Tours Operators of India (ADTOI) at the ADTOI Annual Convention 2021.



ADITI JAIN

Bachelor of Business Administration (Honours)

Part of the team that lifted the Mahatma Gandhi Trophy at the Mahatma Gandhi Inter Collegiate Elocution Competition. The rotating trophy is over eight decades old, having been first awarded in 1941.



KSHITIKA VINIT MUTTA

Bachelor of Business Administration (Honours)

Secured the 1st position in the national-level debate competition, 'Speak for the Oceans', organised by the Centre for Environment Education, United Nations Environment Programme, and World Wildlife Forum held online on World Oceans Day.



AAKASH MISTRY

Bachelor of Business Administration (Honours)

Secured the 2nd position in the marketing quiz, Edge On Brand, held online by the entrepreneurship and innovation CIE Cell of Lakshmi Bai College, University of Delhi.



SUJAL GHATTA

Bachelor of Business Administration (Honours)

Secured the 3rd position in the Mixed Doubles (open category) state-level badminton tournament held by Gujarat Badminton Association in Surat. Won the Bronze in the Under-19 state-level badminton tournament held by Gujarat Badminton Association in Anand.



SIDDHANT JAIN

Bachelor of Business Administration (Honours)

Secured 1st place in the Under-19 Basketball State Championship 'Junior State Championship' held by Gujarat Basketball Association, Surat.



PARTH SAXENA

Master of Business Administration

Won the Fin Shark competition at the Indian Options Conclave 3.0 Surat.



PIYUL KOTHARI

Bachelor of Business Administration (Honours)

Secured the 3rd Rank at the National Level Business Fest, Dalal Street Arena 7.0, held online by the Symbiosis School of Banking and Finance.

Runner-up in the Mock Trading Competition, E-Summit-Scam 2022, held by the Indian Institute of Information Technology, Nagpur.

Secured the 2nd position in the Trading Simulation Competition organised by the National Institute of Bank Management, Pune, in association with StockPro.



HET SHAH

Master of Business Administration

Won the Jasvant Thakar Special Best Actor award in the state-level competition at Indian National Theatre 2022 organised by Gujarat Samachar Trust, Mumbai.



DEV MEHTA

Integrated Master of Business Administration

Named among the Top 100 traders across India in Trade-A-Thon in the National Livestock Trading competition.



SHALVI SHAH

Bachelor of Business Administration (Honours)

Selected for the Study of the United States Institutes (SUSI) programme for Women Leaders in Public Policy Making at the University of Kansas, US.



SHASHVI SAURIN SHAH

Bachelor of Business Administration (Honours)

Selected as the Erasmus Plus Exchange student in the University of Applied Sciences, Nysa, Poland.



DHWANI SAMDANI

Bachelor of Business Administration (Honours)

Secured 2nd position in the Girls Football League (open category) held by Nutmeg Football League, Ahmedabad.

GUEST LECTURES

Ranjan Mishra, Human Resources Director, Asia-Pacific, Mumbai. *Personal Leadership - How A Leader Influences an Organisation?* October 12, 2021.

Sujeet Mishra, Chief Design Engineer (E-Locos), Banaras Locomotive Works, Ministry of Railways, Varanasi. *Leadership - Insights and Challenges.* October 30, 2021.

Yogesh Jain, Director, Stepup Capital, Gandhinagar. *Risk Management in Stock Exchanges.* November 1, 2021.

Anil Gumber, Principal Health Economist, Sheffield Hallam University, Sheffield, England. *Health Economics: Evaluation and Research.* November 2, 2021.

Anjali Nirav Choksi, Partner, Practising Chartered Accountant and Insolvency Professional, DJNV & Co., Ahmedabad. *IBC and Its Implications on Banks.* November 23, 2021.

Yogesh Jain, Senior Vice President, Pantomath Capital, Ahmedabad. *Risk management in Stock Exchanges.* November 1, 2021.

Jaimin M Dwivedi, Entrepreneur and Founder, GoTeeOff Ventures, Bangkok. *Marketing Experiences of an Entrepreneur.* November 27, 2021.

Manju Tripathi, VP, Credit and Sanctions, FundsTiger, Bangalore. *Fintech in Banking.* February 12, 2022.

Bejoy Padmadan, Federal Bank, Vice President and Head IBU - International Financial Services Centre (IFSC) Banking Unit, GIFT City, Gandhinagar. *Banking Risks and Risk Management by Banks.* February 19, 2022.

Priyanka Padhya, Senior Associate, Compliance, CIIE, Ahmedabad, and Saumya Satwara, Senior Associate, Legal, CIIE, Ahmedabad. *Demystifying the Term-sheet.* March 14, 2022.

Riti Jain, Assistant General Manager, Bank of Baroda, Gandhinagar. *AI and Robotics in Banking.* March 26, 2022.

Pramod Singh, Head-HR, Jacobs One, Mumbai. *Evolution of Talent Management Practices Post Pandemic.* April 6, 2022.

Sushma Bhalkikar, Head HR, GMR Infrastructure, Hyderabad. *Compensation Practices and Impact of Pandemic on Rewards Management.* April 18, 2022.

Shivang Ganatra, Manager, Compensation and Benefits, Bharat Petroleum Corporation Ltd., Mumbai. *Designing Salary and Performance linked Incentives.* April 2, 2022.

Ketul Shah, Assistant Vice President, Human Resources, Ascent Meditech Limited Mumbai. *Competency Mapping.* April 8, 2022.

Abhay Doshi, Assistant Manager, Media Planning (Onscreen), Khushi Advertising Ideas Pvt. Ltd. Mumbai. *Cinema Advertising.* April 23, 2022.

Shweta Thawani, Assistant Account Manager, Corporate Reputation, Adfactors PR, Mumbai. *Role of Public Relation in Consumer Behaviour.* April 18, 2022.

Jainil Shah, Chairperson Centre of Learning, Gujarat Chamber of Commerce, Ahmedabad. *Consumer Relationship in Business-to-Business Marketing.* April 18, 2022.

Rajesh Rawal, Senior Town Planner, Ahmedabad Urban Development Authority, Ahmedabad *Town Planning Scheme: A Tool for Planned, Fair and Equitable Urban Development.* April 29, 2022.

Aalap Gandhi, Associate Vice President, Future Generali Life Insurance Co. Ltd., Mumbai. *You're Already Living the Digital Life - Personal and Professional.* March 22, 2022.

Ruchika Gupta, Founder, Blue Duck Holidays, Mumbai. *Opportunities and Challenges in the Travel and Tourism Sector.* April 21, 2022.

Jasmine Gupta, Assistant General Manager, National Head, Virtual Bank, Digital / Phygital Bank, Equitas Small Finance Bank, Mumbai. *Digital Banking.* April 2, 2022.

RESEARCH SEMINAR SERIES

Ramadhar Singh, Ahmedabad University. *Birds of a Feather Flock Together: What Scientists Know Makes Them "Surdas" to What They Don't Know.* August 25, 2021.

Samarth Gupta, National Council of Applied Economic Research. *Financial Access and Gender Gap in Entrepreneurship and Employment: Causal Evidence from Rural India.* September 9, 2021.

Abhinandan Sinha, CNRS. *Financial Access and Gender Gap in Entrepreneurship and Employment: Causal Evidence from Rural India.* September 15, 2021.

Amrita Bihani, Ahmedabad University, and Nimit Thaker, Ahmedabad University. *Conflictorium - Museum of Conflict.* September 29, 2021.

Rahul Singh, Ahmedabad University. *Essays in International Trade in Post Liberalization India.* October 6, 2021.

Israël Fortin, IIM Bangalore. *The Affordance of Ambiguity: Visually Communicating the Integration of Conflicting Coordination Logics.* October 20, 2021.

K V Ramani, IIM Ahmedabad. *Public Health: Management Challenges.* October 26, 2021.

Rahul Singh, Ahmedabad University. *Debt Contract Enforcement and Product Innovation: Evidence from a Legal Reform in India.* October 27, 2021.

Mayank Patel, Ahmedabad University. *Performance Evaluation of Indian Fixed Income Mutual Funds.* October 28, 2021.

Pallavi Vyas, Ahmedabad University. *Impact of Education of the X&Y Chromosomes on Women's Agency and Experience of Domestic Violence and Impact of Covid-19 on the Sex Ratios in Gujarat.* November 17, 2021.

Puneet Arora, Ahmedabad University. *Is This Course Easy? Incomplete Information and College Students' Performance.* December 8, 2021.

Abhishek Kar, University of British Columbia. *Application of the Transtheoretical Model of Change to Examine LPG Use in Rural India.* January 7, 2022.

Sanket Vatavwala, IIM Indore. *A Framework of Customer Engagement in the Context of Business-to-Business Marketing.* January 18, 2022.

Sanket Patil, Northwestern University. *Strategic Justifications.* January 25, 2022.

Yogeshwar Bharat, Michigan State University. *Credit Constraints, Bank Incentives and Firm Exports: Evidence from India.* January 27, 2022.

Sankarshan Basu, IIM Bangalore. *Business School for the Future.* February 22, 2022.

Scott Roulier, Fulbright-Nehru Scholar. *Spatial Analyses of Social Phenomena.* March 2, 2022.

Minal Pathak, Ahmedabad University. *Assessing India's Low Carbon Transition in the Context of Sustainable Development.* March 10, 2022.

Molla Ramizur Rahman, IIT Kharagpur. *Interbank Systemic Risk Network in an Emerging Economy.* April 7, 2022.

Anusha Reddy Gondi, Indian School of Business, Hyderabad. *Mitigating Competitive Threats Initiated by Rejection of Employer Friendly Law Changes: Role of Marketing Assets and Investments.* May 17, 2022.

Arvind Sharma, Northeastern University Department of Economics. *Does Occupational Licensing Restrict Interstate Migration?* May 19, 2022.

Poonam Dugar, Ahmedabad University. *Antecedents of Stage Wise Investment Preferences of Venture Capital and Private Equity Firms in India – An Empirical Exploration.* May 31, 2022.

Prithwiraj Mukherjee, IIM Bangalore. *Did Clickbait Crack the Code on Virality?* June 24, 2022.

THE CONVERSATION SERIES

Dileep Mavalankar, Director, Indian Institute of Public Health, Gandhinagar, Member Secretary, Covid Task Force for Gujarat, and **Vivek Tanavde**, Associate Professor, School of Arts and Sciences, Ahmedabad University. *Beyond Covid-19: Envisioning Better Healthcare Systems in India*. July 10, 2021.

Vishal Gupta, Associate Professor and Member of Board, IIM Ahmedabad, and **Swati Ghulyani**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *First Among Equals: Reimagining Leadership In Knowledge-Based Organisations*. July 31, 2021.

Sanjeev Bikhchandani, Founder and Executive Vice-Chairman, InfoEdge, New Delhi, and **Pankaj Chandra**, Vice Chancellor and Chairman, Board of Management, Ahmedabad University. *Transforming Digital Start-ups Into Market Leaders*. August 7, 2021.

Rohin Dharmakumar, CEO and Co-Founder, The Ken Bangalore, and **Ravi Miglani**, Professor of Practice of Management, Amrut Mody School of Management, Ahmedabad University. *Journalism Is Dead, Long Live Journalism: Quest For A New Business Model*. August 14, 2021.

Arun Maira, Author and Thought Leader, Gurugram, and Jeemol Unni, Professor, Amrut Mody School of Management, Ahmedabad University. *A New Paradigm For Development: Economic Growth And Social Wellbeing*. August 21, 2021.

Pranay Kotasthane, Deputy Director, The Takshashila Institution Bangalore, and **Moumita Roy**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *SiliconPolitik: The Geopolitics of The Semiconductor Industry*. September 4, 2021.

Amartya Lahiri, Royal Bank Faculty Research Professor, Vancouver School of Economics, University of British Columbia Vancouver, and **Amol Agarwal**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *Good Bank, Bad Bank: A Balancing Act For The Indian Banking System*. September 18, 2021.

Kanti Prasad Bajpai, Director, Centre on Asia and Globalisation, and Wilmar Professor of Asian Studies, and **Tejaswini Niranjana**, Director, Centre for Inter-Asian Research, Ahmedabad University. *Neighbours, Strangers, Adversaries, Friends? The Complexities of India-China Relations*. September 25, 2021.

Ashish Kulkarni, Assistant Professor, Gokhale Institute of Politics and Economics, and **Puneet Arora**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *Degree, Employment, Lifelong Learning? Whither Indian Higher Education*. October 9, 2021.

M S Sriram, Faculty and Chairperson, Centre for Public Policy, IIM Bangalore, and **Rahul Singh**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *Are Cooperatives A Relic Of The Past? Will The Rivers Of Milk Flow Again?* October 23, 2021.

Alex M Thomas, Assistant Professor, Azim Premji University, and **Amol Agrawal**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *Smith, Marx, And Keynes Walk Into A Classroom: Re-Thinking Economic Thought*. October 30, 2021.

Lt. General (Retd.) Prakash Menon, Director, Strategic Studies Programme, Takshashila Institution, Bangalore, and Former Military Advisor and Secretary, National Security Council Secretariat, Government of India, and **Ravi Miglani**, Professor of Practice of Management, and Director, GEMBA Programme, Amrut Mody School of Management, Ahmedabad University. *The Graveyard of Empires: Geopolitics Of The Afghanistan Crisis*. November 13, 2021.

Bina Agarwal, Founder, FESDIG, University of Manchester, UK; Rajib Nandi, Associate Director, Institute of Social Studies Trust, India; **Ratna Sudarshan**, Trustee and Former Director, Institute of Social Studies Trust, India; and Jeemol Unni, Professor, Amrut Mody School of Management, Ahmedabad University. *Looking Through The Feminist Lens: Redefining Programme Evaluation*. November 20, 2021.

Montek Singh Ahluwalia, Former Deputy Chairman, Planning Commission of India, and Distinguished Fellow, Centre for Social and Economic Progress, and **Ravi Miglani**, Professor of Practice of Management, Amrut Mody School of Management, Ahmedabad University. *Inside Story of The 1991 Economic Reforms: The Genesis And The Legacy*. December 12, 2021.

Ajay Shah, Counsellor, Permanent Mission of India to the WTO (Govt of India), Founder, Smahi Foundation of Policy and Research, and Former VP, Capgemini Invent, and **Moumita Roy**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *Repeal of the Farm Bills: Good Riddance or a Lost Opportunity?* January 15, 2022.

Aashish Chandorkar, Counsellor, Permanent Mission of India to the WTO (Govt of India), Former VP, Capgemini Invent, and Founder, Smahi Foundation of Policy and Research, and **Pallavi Vyas**, Associate Professor, Amrut Mody School of Management, Ahmedabad University. *Infrastructure Development In India: Are We There Yet?* January 22, 2022.

Jaithirth Rao, Founder and Former CEO, Mphasis, and Author, Economist Gandhi, and **Sarthak Bagchi**, Assistant Professor, School of Arts and Sciences, Ahmedabad University. *Gandhi, The Economist: Shining A New Light On The Mahatma*. January 29, 2022.

Rukmini S, Independent Data Journalist and Author, Whole Numbers and Half Truths: What Data Can and Cannot Tell Us About Modern India, and **Mona Mehta**, Associate Professor, School of Arts and Sciences, Ahmedabad University. *India And Its Numbers: Seeing Modern India Through Data*. February 5, 2022.

Sandeep Dayal, Managing Director and EVP at Cerenti Marketing Group, LLC, and **Ravi Miglani**, Professor of Practice of Management, Amrut Mody School of Management, Ahmedabad University. *Entering The Brain Of The Consumer - Building Brands That Connect*. February 19, 2022.

Shrayana Bhattacharya, Senior Economist, World Bank, Social Protection and Jobs Practice, and **Tejaswini Niranjana**, Director, Centre for Inter-Asian Research, Ahmedabad University. *The SRK Mythos: Men, Money, Misogyny, And The Struggles Of The Indian Woman*. March 19, 2022.

Payal Arora, Professor and Chair, Erasmus University, and **Amit Nanavati**, Professor School of Engineering and Applied Science, Ahmedabad University. *The Next Billion Users: What Got Us Here Won't Get Us There*. April 9, 2022.

Sundeep Khanna, Columnist, Money Control, Livemint, and **Sudhir Pandey**, Senior Lecturer, Amrut Mody School of Management, Ahmedabad University. *The Making Of A Digital Nation: The Miracle Story Of The Indian IT Sector*. April 23, 2022.

Shamika Ravi, Non-Resident Senior Fellow, Brookings Institution Washington DC, Vice President, Economic Policy, Observer Research Foundation, and Former Member, PM's Economic Advisory Council, India, and **Patrick French**, Dean, School of Arts and Sciences, Ahmedabad University. *A Unique Case Of Silent Voters: The Missing Women In Indian Democracy*. April 30, 2022.

Durba Chattaraj, Assistant Professor of Anthropology and Director of Writing, Ashoka University, and **A P Ashwin Kumar**, Associate Professor, Amrut Mody School of Management, Ahmedabad University. *Ratta versus Reasoning: Writing And The Development Of Critical Thought In Indian Education*. May 7, 2022.

Tripurdaman Singh, British Academy Postdoctoral Fellow, Institute of Commonwealth Studies, University Of London, and Author, Nehru: The Debates that Defined India, and **Ravi Miglani**, Professor of Practice of Management, Amrut Mody School of Management, Ahmedabad University. *Leadership Lessons From Nehru: A Colossus With Feet Of Clay?* May 14, 2022.

Manu S Pillai, Historian, Winner of the Sahitya Akademi Yuva Puraskar (2017), and Author, False Allies: India's Maharajahs in the Age of Ravi Varma, and **Tana Trivedi**, Lecturer, Amrut Mody School of Management, Ahmedabad University. *Nationalism, Modernity, And The Maharajahs: Indian Identity In The Late Nineteenth Century*. May 28, 2022.

Rajeswari Sengupta, Associate Professor of Economics, Indira Gandhi Institute of Development Research, and **Amol Agrawal**, Assistant Professor, Amrut Mody School of Management, Ahmedabad University. *Policy of The Reserve Bank of India: RBI Kehta Hai But Do We Understand?* June 18, 2022.

Nitin Pai, Co-Founder and Director, Takshashila Institution, India; Keita Omi, Assistant Professor, School of Arts and Sciences, Ahmedabad University; and **Meet Patel**, Student, Bachelor of Business Administration (Honours), Amrut Mody School of Management, Ahmedabad University. *Untangling The Russia-Ukraine War And Its Impact On The World Order*. June 25, 2022.

EXECUTIVE EDUCATION



Executive Education at Ahmedabad University aims to facilitate collaboration between the University's Schools and Centres with the world of practice. It is built on active and engaged learning methodologies, such as knowledge sessions, practices and masterclasses, case studies and business research, strategic simulations, behavioural labs, Socratic methods, and live projects, among others. Executive Education at Ahmedabad University is a unique interdisciplinary programme that builds on inputs from different disciplines of the University.

Two open Programmes, a customised Learning Intervention, and a customised Management Development programme with the School of Meaningful Experiences, have been delivered in 2021-22.



The Global Executive MBA in Pharmaceutical Management

Ahmedabad University, in collaboration with the University of California San Diego, launched the Global Executive MBA Degree in Pharmaceutical Management in September 2018, for senior and middle management professionals in pharmaceutical and allied industries. The Programme has already graduated two cohorts, in 2020 and 2021. The Programme has been attended by participants from various functions such as R&D, Finance, Manufacturing, Operations, Sales and Marketing, Leadership, Planning, and Compliance etc. of some of the highly recognised pharmaceutical companies of India such as Biocon, Dr Reddy's Laboratories, Torrent Pharmaceuticals, and Morepen Laboratories Ltd.

Faculty in the Programme:

Sorabh Bajaj
Faculty, Ambitio Global

Arindam Banerjee
Professor, IIM Ahmedabad

Saurav Borah
Assistant Professor, IIM Ahmedabad

Rupa Chanda
Professor, IIM Bangalore

A Damodaran
Professor, IIM Bangalore

Mukund Dixit
Former Professor, IIM Ahmedabad

Rakesh Godhwani
Chairman, School of Meaningful Experiences

Viswanathan Krishnan
Jacobs Family Chair in Management and Engineering Leadership and Professor of Innovation, Technology and Operations UC San Diego

Kiran Marthak
Director, Lambda Therapeutics

Peeyush Mehta
Professor, IIM Calcutta

AVK Mohan
Visiting Faculty, Ahmedabad University and Former Director, Max India

Parag Patel
Associate Dean, Amrut Mody School of Management

Kausalya Santhanam
Founder, SciVista IP and Communication

Dipyaman Sanyal
Founder & Director, Dono Consulting

Rahul Singh
Assistant Professor, Amrut Mody School of Management

Devanath Tirupati
Dean, Amrut Mody School of Management

Sundar Venkatesh
Adjunct Professor, Asian Institute of Technology

John York
Adjunct Professor, UC San Diego

The following global business leaders delivered Masterclass sessions during the various Residencies of the Global Executive MBA programme:

Swami Subramaniam
CEO, Ignite Life Sciences

Masterclass session on 'Innovation, the Biopharmaceutical Archetype'

Chella Pandian Pitchai
Head, Talent, Learning & Organisational Transformation at Biocon Biologics

Masterclass session on 'ESG in Pharmaceutical Industry'





↑ The graduating Cohort 2022.

R & D Managers of the Future

In collaboration with the Centre for Technology, Innovation and Economic Research (CTIER), we launched the R&D Managers of the Future programme in February 2022. The Programme is aimed at building capabilities of future R&D leaders in India that will help in enhancing the innovation output of firms as well as the economy. Delivered online, the Programme is spread over 12 weeks and trains potential managers to deal with various technical and management challenges that are likely to come their way.

Faculty in the Programme:

Rakesh Basant

Professor of Economics and
JSW Professor of Innovation & Public Policy
IIM Ahmedabad

Ramesh Bhatt

Vice Chancellor and Provost
Management Education
NMIMS

Deepti Bhatnagar

Former Professor
IIM Ahmedabad

Amit Biswas

R&D Management Expert
Pharma & Polymer, and Technology Advisor
and Master Black Belt, Quality by Design

Pankaj Chandra

Vice Chancellor
Ahmedabad University

Aravind Chinchure

Founder & CEO
Q Leap Academy

Naushad Forbes

Co-Chairman, Forbes Marshall
Chairman, CTIER
Board of Governors, Ahmedabad University

Gopichand Katragadda

Founder & CEO
Myelin Foundry

A P Ashwin Kumar

Director, Centre for Learning Futures
Ahmedabad University

Ravi Miglani

Professor of Practice of Management
Ahmedabad University

S Raghunath

Professor
IIM Bangalore

Hari Pulakkat

Editor
Shaastra
IIT Madras

Abrar Ali Sayed

Assistant Professor
Ozyegin University

Pradyumna Vyas

Distinguished Professor
Ahmedabad University
Board Member, World Design Council

The following global business leaders delivered Special sessions during the programme:

Tito Kishan Vemuri

Founder & CEO
Proinn Consultancy

'Innovate fast with Inventions using Structured
Innovation, TRIZ'

Sunil Mani

Director and Professor
Reserve Bank of India and
Chair, Centre for Development Studies
Thiruvananthapuram

'Policy instruments for investing in innovation
in India'

Naushad Forbes, Co-Chairman, Forbes Marshall, Chairman, CTIER, and Member, Board of Governors, Ahmedabad University, with **Nadir Godrej**, MD, Godrej Industries Ltd., and Chairman, Godrej Agrovet Ltd., on 'Leadership in Research and Future Trends in R&D.'



Management Development Programme (MDP) for Professionals

The Management Development Programme for Professionals is a customised programme jointly delivered by Ahmedabad University and the School of Meaningful Experiences. Spread over 24 weeks, the Programme addresses current corporate challenges and their preparation for better communication. The first batch was designed for the company, Betterplace, in online mode in March 2022.

Jatin Christie
Senior Lecturer
Amrut Mody School of Management
Ahmedabad University

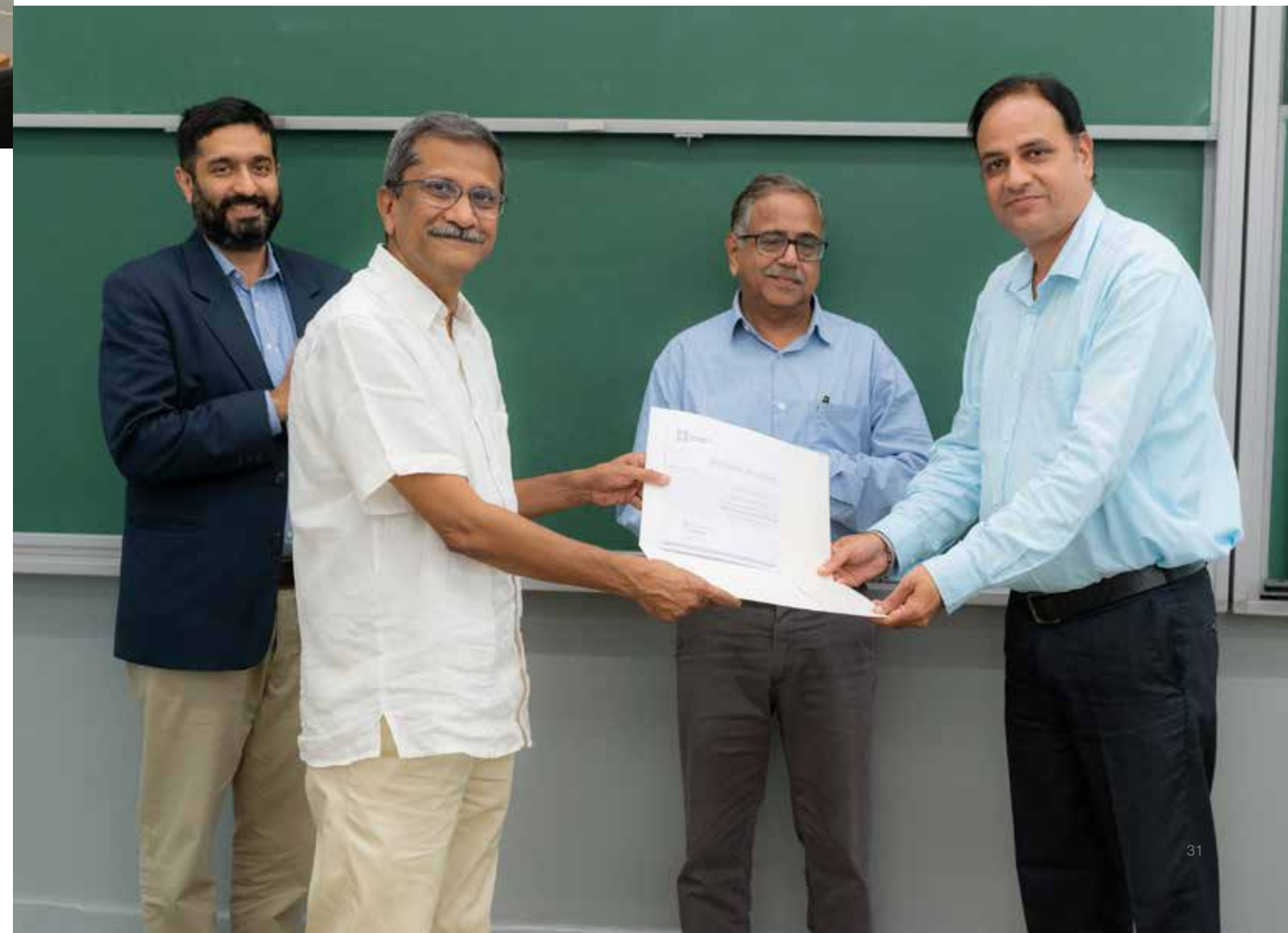
Rakesh Godhwani
Chairman
School of Meaningful Experiences

Customised Learning

We also engage in developing customised learning interventions and executive programmes aimed at bridging capability gaps in client organisations. These Customised Programmes are uniquely designed to address specific learning and re-skilling needs in different areas in an organisation. Under this initiative, a short workshop on Design Thinking was delivered by Fenil Shah, Director, Ahmedabad Design Lab, Ahmedabad University, to managers and scientists at Cadila Pharmaceuticals on December 2021. The workshop familiarised participants with the concepts, principles, and processes that serve as a framework for stimulating creativity and a methodology to identify, define, and solve problems.

↑

Professor Rakesh Basant
Former Professor of Economics
and JSW Professor of Innovation and
Public Policy, IIM Ahmedabad
addressing the graduating Cohort.





↑ The recently restored and inaugurated Amrut Mody School of Management and Plaza area at the Central Campus.

Research at the Amrut Mody School of Management

STUDENT PRESENTATIONS

Patni, T. *What happens when people from different cultures come together?* NICOM 2021 (Nirma International Conference on Management), Ahmedabad, Gujarat. October, 2021.

Shah, R. *Future Skills in Automation*, Pratibha, Mehsana, Gujarat. November, 2021.

BOOKS

Chand, V., Kuril, S., & Deshmukh, K. (2022). *Teacher Development in India - Building on Grassroots Innovations and Technology*. New Delhi: Routledge.

Unni, J. (2021). *Women Entrepreneurship in the Indian Middle Class*. Hyderabad: Orient Blackswan Private Limited.

BOOK CHAPTERS

Unni, J., & Preetham, A. (2021). The Idea of Economic Citizenship and the Citizenship Act. In A. U. Khan, R. F. Shaikh (Eds.), *Citizenship: Context and Challenges* (63-80), Hyderabad: Centre for Development Policy and Practice.

Patel, S. (2022). Making Visible the Invisible: Women Artists and Herstory. In Patel, V., Mondal, N. (Eds.), *Gendered Inequalities in Paid and Unpaid Work of Women in India* (171 - 182), Singapore: Springer.

Rao, T. V., & Saxena, S. (2021). Human Resource Development for Business Leadership In India. In Ahad Mosman Gani (Ed.), *Human Resource Development for Business Leadership In Asia* (47-89), Malaysia: Pearson.

JOURNAL ARTICLES

Adhvaryu, B., & Mudhol, S. (2021). Visualising Public Transport Accessibility to Inform Urban Planning Policy in Hubli-Dharwad, India. *GeoJournal*. <https://doi.org/10.1007/s10708-021-10548-6>

Adhvaryu, B., & Kumar, S. (2021). Public Transport Accessibility Mapping and its Policy Applications: A Case Study of Lucknow, India. *Case Studies on Transport Policy*. 9(4), 1503-1517. <https://doi.org/10.1016/j.cstp.2021.08.001>.

Arora, P., & Wright, N. (2022). Grade Reporting and Student Performance. *Education Economics*. 30(4), 356-363. <https://doi.org/10.1080/09645292.2021.1995851>

Bhandari, B., Gupta, S., Sahu, A., & Urs, K. (2021). Business Sentiments During India's National Lockdown: Lessons for Second and Potential Third Wave. *Indian Economic Review*. 56(2), 335-350. <https://doi.org/10.1007/s41775-021-00121-w>

Bhatt, V., & Kadia, S. (2022). What Works for a Tourism TVC? An Experiment Design for BRICS Tourism Advertisements. *Academy of Marketing Studies Journal*. 26(4), 1-14 <https://www.abacademies.org/articles/what-works-for-a-tourism-tvc-an-experiment-design-for-brics-tourism-advertisements-15076.html>

Bhattacharya, G. (2022). Industry Size and Trade Protection in the Presence of Environmental Regulations: An Empirical Investigation of the Indian Manufacturing Sector. *World Trade Review*.

Bihani, A., & Thaker, N. (2022). Designing a Social Enterprise: The Story of Conflictorium. *The Case Journal*. 18 (4), 484 - 505, <https://doi.org/10.1108/TCJ-11-2021-0202>

Dixit, A. (2022). Effectiveness of Carbon Tax and Congestion Cost in Improving the Airline Industry Greening Level and Welfare: A Case of Two Competing Airlines. *Journal of Air Transport Management*. 100(102182), 1-17. <https://doi.org/10.1016/j.jairtraman.2022.102182>

Dugar, P., & Basant, R. (2021). Antecedents of Stage-wise Investments of Venture Capital and Private Equity Firms in India: An Empirical Exploration. *Journal of Emerging Markets Finance*. 20(3), 264-289. <https://doi.org/10.1177/09726527211022900>

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James, R., Jesus, C., & Saxena, S. (2022). Developing the Concept of Leaveism: From Presenteeism/ Absence to an Emergent and Expanding Domain of Employment. *Human Resource Management Journal*. 1-22. <https://doi.org/10.1111/1748-8583.12452>

Kanth, A., & Singh, M. (2021). Behaviour of Methylcellulose Gel at Higher Concentrations for Clearing of Acrylic Painted Surfaces. *Journal of Science and Arts*. 4(57), 1057-1068. 10.46939/J.Sci.Arts-21.4-b01

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Kuril, S. (2022). The Influence of Remote Work Communication Satisfaction and CSR Association of Employee Alienation and Job Satisfaction: A Moderated-Mediation Study. *Information Technology & People*. 10.1108/ITP-01-2021-0030

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Kushwaha, N., Nagina, C., & Adhvaryu, B. (2022). Ineffectual Transference of SDGs as Local level Indicators: Tracing India’s Path to Agenda 2030. *ECS Transactions*. 107(1), 59-68. <https://doi.org/10.1149/10701.0059ecst>

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Mukherjee, S., & Thomas, C. (2022). Managing Feeling Rules to Encourage Compliance in Professional-Client Encounters: The Case of Palliative Care Consultations. *Organization Studies*. 10.1177/01708406221081625

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Rawat, B., & Dave, G. (2021). Management of Receivables in India (A study from Food product producing companies). Turkish *Online Journal of Qualitative Inquiry (TOJQI)*, 12 (8), 4475 – 4482. <https://www.tojq.net/index.php/journal/article/view/5302>

Sarkar, A., & Sinha, A. (2022). Clientelism and Violence: The Politics of Informal Economy. Economic Modelling. 114, 105906. <https://doi.org/10.1016/j.econmod.2022.105906>

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Sharma, E. (2021). Work-life Balance: A Key to Positive Workplace Attitudes. *Indian Journal of Industrial Relations*. 52(01), 2-19. <https://doi.org/10.1002>

Sharma, E., Sharma, S., Gonot-Schoupinsky, X. P., & Gonot-Schoupinsky, F. N. (2022). The Impact of a Laughter Prescription on Creativity, Well-Being, Affect, and Academic Efficacy in University Students. *Journal of Creative Behaviour*. 56(3), 344-361. <https://doi.org/10.1002/jocb.533>

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Thomas, S., & Bhatt, V. (2022). Private-label Grocery Buyers’ Donation Intentions and Trust in CRM Campaigns: An Empirical Analysis by Employing Social Identity Theory. *Society and Business Review*. 1-21. doi.org/10.1108/SBR-12-2021-0247

Thomas, S., & Jadeja, A. (2021). Investigating the Consumers Attitude Toward Brand and Purchase Intention within the Context of Cause-related Marketing Campaign for a Pharmacy Product. *International Review on Public and Non-profit Marketing*. 1-18. <https://doi.org/10.1007/s12208-021-00327-x>

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Thomas, S. (2021). Investigating Interactive Marketing Technology: Augmented Reality and Virtual Reality in the Indian Context. International *Journal of Business Competition and Growth*. 7(3), 214- 230. 10.1504/IJBCG.2021.10035225

Unni, J. (2022). Gender Differentials in Entrepreneurship: Insights from a Multi-method Study. The *Journal of Entrepreneurship*. 31(1), 30-64. <https://doi.org/10.1177/09713557211069283>

Yadav, S., Baxi, H., & Suthar, M. (2022). Impact of Demonetization in Rural Areas through the Lens of Financial Inclusion. *Journal of Rural Development*. 41(1), 120-135

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Dave, N., Jhaveri, H., Saiyed, A., & Karna, A. (2021). Understanding The Changing Role Of Business Angels In Relation To The Stages Of The Start-ups: Using The Lens Of Resource Dependency Theory. *Proceedings of PAN-IIM World Management Conference*, Kozhikode, India, December 16-18. 490-498.

Saxena, S. (2021). Mapping the Post-Traumatic Stress Caused by COVID-19. *Decision-making in Challenging Times*. Decision Science Institute, Boston, USA, November 18-21. 376-404.

Thomas, S., & Chauhan, D. (2021). Examining the Impact of Organization Culture, Personal-job Fit and Employee Engagement on Turnover Intention: An Assessment of IT Sector from an Emerging Market Perspective. *Proceedings of Academy of International Business Southeast US Chapter ‘Global Business Environment: Managing Risk and Resilience’*, Virtual, October 21-22. 17-18.

Unni, J. (2022). Private Investment in Education and Linkages to Future Employment in India: Will the pandemic take its toll? *Proceedings of 62nd Labour Economics Conference*, Indian Society of Labour Economics, IIT Roorkee, India, April 11-13. 10-10.

CONFERENCE PRESENTATIONS

Bhattacharya, G., & Mehra, M. (2021). Interaction Between Trade and Environment Policies with Special Interest Politics: A Case When Commodity Markets Are Imperfect. *16th Annual Conference on Economic Growth and Development*, New Delhi, India, December 20-22.

Das Gupta, S. (2022). Energy Consumption Behaviour and Work from Home (WFH): A Survey from India. *43rd International Association for Energy Economics International Conference*

Mapping the Energy Future -Voyage in Uncharted Territory, Tokyo, Japan, April 8.

Dave, N., Jhaveri, H., Saiyed, A., & Karna, A. (2021). Understanding the Changing Role of Business Angels in Relation to the Stages of the Start-ups: Using the Lens of Resource Dependency Theory. *PAN-IIM World Management Conference*, Kozhikode, India, December 16 – 18.

Dwibedy, P., & Basant, R. (2021). Product Innovation as a Response to COVID-19 by Small Firms: The Role of Pre-Crisis Capabilities and Early In-crisis Investments in Complementary Assets. *Academy of International Business-South Asia Chapter*, Visakhapatnam, India, January 23 – 25.

Gadhvi, N., Yadav, S., & Unni, J. (2022). Impact of COVID-19 Crisis on Employment: Who Bear the Brunt? *3rd Annual Economics Conference of Ahmedabad University*, Ahmedabad, India, March 11-12.

Mehra, M., & Bhattacharya, G. (2021). Trade Wars and Trade Talks Revisited: An Extension of the Grossman-Helpman Model (1995). *26th Annual Conference of the European Association of Environmental and Resource Economists*, Berlin, Germany, June 23-25.

Parikh, J. (2021). Energy Efficiency & Sustainability-A Behavioural OR Approach. International Federation of Operations Research Societies Conference 2021 (IFORS 2021), Seoul, South Korea, August 23 – 27.

Parikh, J. (2022). Energy Efficiency & Sustainability - A Behavioural OR Approach. *3rd E-Conference Societal Complexity*, Amsterdam, Netherlands, May 11.

Roy, M., & Houser, D. (2022). Identity, Leadership, and Cooperation: An Experimental Analysis. *Eighth Annual Society for Economics Research in India Workshop (SERI)*, Hyderabad, India, July 23-24.

Saxena, S., & Bhow, K. (2021). Mapping the Post Trauma Stress

caused by COVID-19. *Decision Science Conference*, Austin, USA, November 17-20.

Saxena, S., Richard, J., & Pustelnikovaite, T. (2021). Brilliant at Everything, Saying Yes to Even More: The Realities of Overwork in Academia. *Work Employment Society 2021*, Leeds, UK, September 25 -27. **Singh, R., Chakraborty, P., & Soundararajan, V. (2021).** Import Competition, Formalization, and the Role of Contract Labor. *European Trade Study Group*, Ghent, Belgium, September 10-12.

Sinha, A., & Sarkar, A. (2021). Investment and Democracy. *7th Indian Institute of Foreign Trade Conference on ‘Empirical Issues in Indian Trade and Finance’ 2021*, Kolkata, India, December 16 – 17.

Sinha, A., & Sarkar, A. (2021). Land, Protest and Civil Society. Econometric Society- *Delhi School of Economics Winter School 2021*, Delhi, India, December 15 – 18.

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Tana, T. (2022). The Princely State of Bhavnagar: Agricultural Debt, Revival and Recovery in the early 20th Century. *3rd Annual Economic Conference on The Road to an Inclusive Recovery – Post Pandemic Era*. Ahmedabad University, Ahmedabad, India, March 11-12.

Thaker, N., & Trivedi, C. (2021). And a lot of Ballast: Women Directors on Indian Boards? A Reflective Analysis of Firm Performance and Challenges Ahead. *23rd Strategic Management Forum Annual Conference*, Nagpur, India, December 27 – 30.

Thaker, N. (2022). Data and Indian Democracy. *8th International Communication Management Conference 2022*, Ahmedabad, India, January 5 - 7.

Tripathi, I. (2021). Can Terrorism Instigate Anti-immigrant Sentiments? *Evidence from Europe. SERI Annual Workshop 2021.* Virtual, July 17 - 19.

Trivedi, T. (2021). The Princely State of Bhavnagar: A Study of its Institutional and Economic Practice. *The Second International Conference on Indian Business and Economic History*, IIM Ahmedabad, Ahmedabad, India, August 25 – 27.

Trivedi, T. (2022). Digitalizing Family Archives and Provincial History: A Case of the Pattani family archives, Bhavnagar. The Digital Divides: Discontents, Debates and Discussions. *The Digital Humanities Alliance For Research and Teaching Innovations*, Virtual, February 21-25.

Unni, J. (2022). Private Investments in Education and Linkage to Future Employment: Will the Pandemic take its Toll? *62nd Labour Economics Conference, Indian Society of Labour Economics*, IIT Roorkee, India, April 10-13.

Yadav, S., Gadhvi, N., & Unni, J. (2022). Impact of COVID-19 Crisis on Employment: Who Bears the Brunt?” *3rd Annual Economics Conference on The Road to an Inclusive Recovery-Post Pandemic Era*, Ahmedabad University, Ahmedabad, India, March 11-12.

INVITED LECTURES

Bihani, A. Introducing PoSH (Prevention of Sexual Harassment) at Workplace Act 2013. Petpooja, POS, Ahmedabad, July 14, 2021.

Bihani, A. How does the HR Function help in Matching up to the Values of an Organization - Contemporary Topics in HR. Chennai Business School, Chennai, June 11, 2021.

Mehta, B. Content Marketing and its Importance in a Post Pandemic World. UGC - Human Resource Development Centre, Gujarat University, Ahmedabad, August 25, 2021.

Mehta, B. Impact of Current Events

on the Future of Businesses Building Resilient Organizations. Vignana Jyothi Institute of Management, Hyderabad, April 7-9, 2022.

Parikh, J. Energy Efficiency and Sustainability - A Behavioural OR Approach. EURO, Amsterdam, Netherlands, May 11, 2022.

Parikh, J. Formulation of Research Problem and Development of Hypothesis. Department of Business Intelligence, BK School of Professional and Management Studies, Gujarat University, Ahmedabad, February 28, 2022.

Parikh, J. Optimization Techniques. Online Refresher Course in Computer and Mathematics, Department of Computer Science and Mathematics, University Grants Commission, Human Resource Development Centre, Indore, December 18, 2021.

Parikh, J. Optimization Techniques. Application of Mathematical Tools in Research in Computer and Mathematics, University Grants Commission, Human Resource Development Centre, Devi Ahilya Vishwa Vidyalaya, Indore, June 16, 2022

Patel, P. Evolution of Stock Market and Equity as an Asset Class in India. University Grant Commission, Human Resource Development Centre, Gujarat University, Ahmedabad, August 28, 2021.

Patel, S. Gender and Media. Impact and Policy Research Institute, New Delhi, September 30, 2021.

Roy, M. Filmy Conversations: Intermixing Economics and Pop Culture. Takshashila Institution, India March 5, 2021.

Unni, J. Social Norms, Gender and Sanitation Behavior. Institute of Rural Management, Anand, February 1, 2022.

Unni, J. Rethinking Human Capital. Self Employed Women’s Association, Ahmedabad, February 2, 2022.

Unni, J. Women in Work and Leadership: Strengthening Policy Research and Building Networks. 62nd Labour Economics Conference, IIT Roorkee, April 12, 2022.

Unni, J. Strengthening Social Protection for Informal Workers in India. 62nd Labour Economics Conference, Indian Society of Labour Economics, IIT Roorkee, April 12, 2022.

Unni, J. Strengthening Social Protection for Informal Workers in India. 62nd Labour Economics Conference, Indian Society of Labour Economics, IIT Roorkee, May 12, 2022.

Unni, J. Women’s Participation in Work and Social Norms. Goa Institute of Management, Goa, May 10, 2022.

Unni, J. Women’s Work Participation in India. Webinar on China and Regional Studies. Virtual. April 28, 2022.

Vyas, P. Son Preference: An Economic Analysis. Harris ISPP Joint Certificate Program in International Policy & Development, Delhi, March 2, 2022.

Yadav, S. Chair, technical session, 5th GNLU International Conference on Law, Economics and Public Policy. Gujarat National Law University, Gandhinagar, March 10-11, 2022.

Yadav, S. How to design a questionnaire for research? Department of Economics, Faculty of Arts, Maharaja Sayajirao University, of Baroda, Vadodara, March 2, 2022.

Yadav, S. Indian Labour Market: Current Scenario, Department of Economics, Samarpan Arts & Commerce College, Gandhinagar, December 27, 2021

RESEARCH WORKING PAPERS

Butlewski, M., Janiszewski, P., Bogajewska-Danek, J., Gajsek, B., Suszyski, M., & Parikh, J. Does Organizational Support Really Influence Satisfaction and Well-being During Enforced Working from Home? WP-AMSOM-21-010, Ahmedabad University.

Dixit, A. Algorithmic Mechanism Design for Egalitarian and Congestion Aware Airport Slot Allocation. WP-AMSOM-21-005, Ahmedabad University.

Dixit, A. Evolving Structure of the Indian Air Network: A Complex Network Approach. WP-AMSOM-21-006, Ahmedabad University.

Dixit, A. Roles of Reciprocity and Fairness Concerns in Airline-Airport Systems with Environmental Considerations. WP-AMSOM-21-004, Ahmedabad University.

Jain, T., Singh, R., & Subramanian, C. Debt Contract Enforcement and Product Innovation: Evidence from a Legal Reform in India. WP-AMSOM-21-006, Ahmedabad University and Indian Institute of Management Bangalore.

Mahadevia, D., Datt, M., Adhvaryu, B., & Killiyath, S. Spatiality of COVID-19 Infections in Ahmedabad: An Early Period Analysis. WP-AMSOM-21-009, Ahmedabad University.

Parikh, J., Kalro, A., & Weber, G. Comparative Analysis for Mapping Relative Position of Bank Brands: An Application of Attribute-based Perceptual Mapping Using Factor Analysis and Data Envelopment Analysis. WP-AMSOM-21-011, Ahmedabad University.

Roy, M., & Houser, D. Identity, Leadership and Cooperation: An Experimental Analysis. WP-AMSOM-21-012, Ahmedabad University and George Mason University.

Sandhya, G. Financial Access and Gender Gap in Entrepreneurship and Employment: Evidence from Rural India. WP-AMSOM-21-014, Ahmedabad University.

Sarkar, A., & Sinha, A. Who decides Development? Politics of Land Acquisition and Democratic Activism. WP-AMSOM-21-007, Ahmedabad University.

Sarkar, A., & Sinha, A. Investments and Democracy. WP-AMSOM-21-008, Ahmedabad University.

TEACHING MATERIAL

CASES

Christie, J. (2021). *Building a Training Culture at Montecarlo Limited: Montecarlo Limited.* CS-21-006, Amrut Mody School of Management, Ahmedabad University.

Jhaveri, H., & Dash, A. (2021). *Financing the Growth of UrbanChowk: Urban Chowk.* CS-21-005, Amrut Mody School of Management, Ahmedabad University.

Saxena, S. (2021). *An Associate Saga: Temple Fox Case Competition Centre.* CS-21-007, Amrut Mody School of Management, Ahmedabad University.

Saxena, S. (2021). *Pushkarvala and Company.* CS-21-001, Amrut Mody School of Management, Ahmedabad University.

Saxena, S., & Chaudhary, D. (2021). *Amada’s Quandary: Navigating through subtle discrimination workplace.* CS-21-008, Amrut Mody School of Management, Ahmedabad University.

Thomas, S., & Pandey, S. (2021). *Juggernaut Sports Entertainment Private Limited (B): Monetizing Footfalls.* CS-21-002, Amrut Mody School of Management, Ahmedabad University.

Tripathi, V. (2021). *Understanding the Complexity of a Cash Flow Statement.* CS-21-009 and 121-0103-1, Amrut Mody School of Management, Ahmedabad University.

TEACHING NOTES

Christie, J. (2021). *Building a Training Culture at Montecarlo Limited: Montecarlo Limited.* CS-21-006TN, Amrut Mody School

of Management, Ahmedabad University.
Jhaveri, H., & Dash, A. (2021). *Financing the Growth of UrbanChowk: Urban Chowk.* CS-21-005TN, Amrut Mody School of Management, Ahmedabad University.

Tripathi, V. (2021). *Understanding the Complexity of a Cash Flow Statement.* 121-0103-8, Amrut Mody School of Management, Ahmedabad University.

Thomas, S., & Pandey, S. (2021). *Juggernaut Sports Entertainment Private Limited (B): Monetizing Footfalls.* CS-21-002TN, Amrut Mody School of Management, Ahmedabad University.

Tripathi, V. (2021). *Understanding the Complexity of a Cash Flow Statement.* CS-21-009TN and 121-0103-8, Amrut Mody School of Management, Ahmedabad University

SCHOOL OF ARTS AND SCIENCES

The School of Arts and Sciences is reimagining learning in the global academy within the subcontinental traditions of scholarship and knowledge. The School contains five academic divisions: Biological and Life Sciences, Humanities and Languages, Mathematical and Physical Sciences, Performing and Visual Arts, and Social Sciences. It was an exciting academic year as we welcomed 20 new faculty colleagues. Pankaj Joshi joined us as Distinguished Professor of Physics and Director of the International Centre for Space and Cosmology, and Ashish Rajadhyaksha joined as Visiting Professor in the Performing and Visual Arts division. Longtime School associate Tejaswini Niranjana joined full-time as Professor in the Social Sciences division. She was simultaneously appointed as Director of the new Centre for Inter-Asian Research and Dean of Online Learning.

PROGRAMMES

BACHELOR OF ARTS (HONOURS)

- Major in Economics
- Major in History
- Major in Philosophy, History and Languages
- Major in Psychology
- Major in Social and Political Sciences

BACHELOR OF SCIENCE (HONOURS)

- Major in Physics
- Major in Computer Science

INTEGRATED MASTER OF SCIENCE

- Major in Life Sciences

DOCTORAL PROGRAMMES

- PhD in Physics
- PhD in Life Sciences
- Interdisciplinary PhD in Humanities and Social Sciences

DIPLOMA AND CERTIFICATE PROGRAMMES

- Diploma in Critical Thinking and the Liberal Arts
- Certificate in Critical Thinking and the Liberal Arts



NEW FACULTY MEMBERS

The following are our new faculty members:

Srimanta Bhattacharya
Assistant Professor,
Mathematical and Physical
Sciences

PhD in Computer Science
Indian Statistical Institute, India

Urmi Nanda Biswas
Professor, Social Sciences

PhD in Applied Social Psychology
Allahabad University, India

Suchismita Das
Assistant Professor,
Social Sciences

PhD in Cultural Anthropology
University of Chicago, USA

Nithin George
Assistant Professor,
Social Sciences

PhD in Cognitive Science
Indian Institute of Technology
Gandhinagar, India

Soumen Ghosh
Assistant Professor, Mathematical
and Physical Sciences

PhD in Physics
Institute for Plasma Research, India

Sayan Goswami
Assistant Professor, Mathematical
and Physical Sciences

PhD in Computer Science
Louisiana State University, USA

Chandler Hatch
Assistant Professor, Humanities
and Languages

PhD in Philosophy
Harvard University, USA

Pankaj Joshi
Distinguished Professor of Physics

PhD in Mathematics
Bhavnagar University, India

Sungchoon Kim
Assistant Professor, Social
Sciences

PhD in Social Psychology
University of Utah, USA

Eshita Mazumdar
Assistant Professor, Mathematical
and Physical Sciences

PhD in Mathematics, Homi Bhabha
National Institute, Harish Chandra
Research Institute, India

Mousa Mohammadian
Assistant Professor,
Humanities and Languages

PhD in History and Philosophy of
Science
University of Notre Dame, USA

Shomen Mukherjee
Associate Professor
Biological and Life Sciences

PhD in Ecology and Evolution
Ben-Gurion University of the
Negev, Israel

**Nagireddy
Neelakanteswar Reddy**
Assistant Professor,
Social Sciences

PhD in Cognitive Science
IIT Gandhinagar, India

Bhuvan Pathak
Assistant Professor
Biological and Life Sciences

PhD in Cell and Molecular Biology
University of Arkansas, USA

Ashish Rajadhyaksha
Visiting Professor,
Performing and Visual Arts

Bachelor of Science
University of Mumbai

Ranu Roychoudhuri
Assistant Professor, Performing
and Visual Arts

PhD in South Asian Languages and
Civilizations
University of Chicago, USA

Charu Singh
Assistant Professor, Humanities
and Languages

PhD in Hindi Literature
University of Delhi, India

Raghvinder Singh Grewal
Assistant Professor, Mathematical
and Physical Sciences

PhD in Physics
IIT Madras, India

Susanta Tewari
Assistant Professor, Mathematical
and Physical Sciences

PhD in Statistics
University of Georgia, USA

FACULTY ACHIEVEMENTS



MARY ANN CHACKO

*Assistant Professor
Social Sciences*

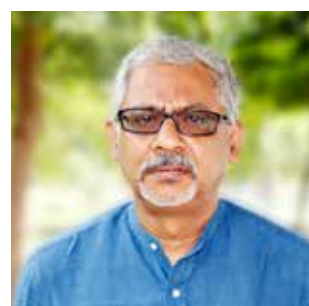
Elected Chair of the South Asia Special Interest Group of the Comparative and International Education Society for 2021-2023.



ASHUTOSH KUMAR

*Associate Professor
Mathematical and Physical Sciences*

Featured in the World's Top 2% Scientists list for 2021 by Stanford University.



ANJAN ANAND SEN

*Professor
Mathematical and Physical Sciences*

Featured in the World's Top 2% Scientists list for 2021 by Stanford University.



RAHUL SARWATE

*Assistant Professor
Humanities and Languages*

Awarded one of three inaugural New India Foundation Translation Fellowships to translate Sharad Patil's Marxvad: Phule-Ambekarvaad.



ALOK SHUKLA

*Assistant Professor
Mathematical and Physical Sciences*

Received the Chairman's Award for Best Teacher 2022 by Ahmedabad University.



DARSHINI MAHADEVIA

*Professor, Social Sciences
and Associate Dean, Arts*

Selected as Coordinating Lead Author for a Report on Covid-19, Cities and Climate Change in the Third Assessment Report on Climate Change and Cities (ARC3.3), which will be published by Cambridge University Press between 2021 and 2023. The Report Series is part of the Urban Climate Change Research Network anchored at Columbia University.



TEJASWINI NIRANJANA

*Professor
Social Sciences*

Conferred the National Translation Award in Prose in October 2021 by the American Literary Translators' Association for her English translation of No Presents Please: Mumbai Stories, an anthology of short stories in Kannada authored by Jayant Kaikini.

EVENTS



CHIASMA

The student-driven science festival, CHIASMA, organised by the School of Arts and Sciences, is a crossover between research-oriented scientific workshops conducted during the day and cultural celebrations in the evenings. The 6th annual festival, CHIASMA 2022, was held on April 1-3, 2022, and witnessed country-wide participation in its numerous workshops, competitions, and cultural events.



ENCOUNTERS

The Performance and Visual Arts division of the School of Arts and Sciences organised Encounters – The Performance and Visual Arts Showcase 2022 on April 25-29, 2022, at the Art Gallery in the University Library. It showcased students' artwork of landscapes, human figures, and still life. The artwork on display was put together under the direction of Rajesh Naidu, Assistant Professor, and Vyom Mehta, a sculptor with his studio practice in Ahmedabad.

FIELD VISIT

A field visit to Sudarshan Lake, Junagarh, was organised in February 2022 as part of the HST103 course Legacies of Empire: From the Mauryas to the Mughals to interpret and analyse the physical and cultural factors involved in the upkeep and management of Sudarshan Lake, a water body of significant economic and cultural importance. The participating students, accompanied by Murari Jha, Assistant Professor, and teaching assistant Satvik Singh, unearthed the history of land use and water body management from the Mauryan era.

STUDENT ACHIEVEMENTS



ADNAN ABASSI

Bachelor of Arts (Honours)

Selected as a Writing Fellow with the Fellowship for Freedom in India. In this capacity he co-authored two articles on the 2022 Sri Lankan protests which appeared in publications such as the Daily Star, Hindustan Times, CNN News18, The Statesman, and Strait Times.

Presented a paper titled Discourse in Flux - Investigating American Media Portrayal of Afghanistan from 2000 to 2020 in April 2022 at the annual conference of the Midwest Political Science Association.



AVNEET KAUR BAGGA

Bachelor of Arts (Honours)

Won the 1st prize at the national level in the debate championship organised by the Confederation of Indian Industries.



SAKSHI JHAVERI

Bachelor of Arts (Honours)

Declared the runner-up in both singles and doubles categories in badminton in Khel Mahakumbh 2022 organised by the Sports Authority Of Gujarat.



MANA SHAH

Integrated Master of Science in Life Sciences

Part of the team that lifted the Mahatma Gandhi Trophy at the Mahatma Gandhi Inter Collegiate Elocution Competition. The rotating trophy is over eight decades old, having been first awarded in 1941.



HARNOOR KASHMIR KHUNGAR

Bachelor of Arts (Honours)

Published his article, Partition: An Oral History, in the online magazine, Cafe Dissensus.



FREYA SHAH

Bachelor of Arts (Honours)

Secured a research internship at Harvard University under Dr Susanne Yelin to work on a Quantum Optics gate project for two semesters.

Won the IEEE Services Hackathon 2021 in the student category.



SUMAN MALLICK

*Doctoral Candidate
Biological and Life Sciences*



HELI RAVAL

*Integrated Master
of Science in Life
Sciences*

Published a paper on Orange Chromide species, a fish endemic to India, in the journal, Marine and Freshwater Behaviour and Physiology.



BHAVITA MADHU

Integrated Master of Science in Life Sciences

Won a gold medal in the state-level Artistic Roller Skating Championship in Figure Skating in the above-17 age group at Ahmedabad. Won a gold medal in the national-level Artistic Roller Skating Championship in Figure Skating in the above-17 age group at Mohali, Chandigarh.

GUEST LECTURES

Vishakha Desai, Senior Research Scholar in Global Studies, School of International Affairs, Columbia University. *From Ahmedabad to the US: Belonging as Multi-Rootedness*. September 1, 2021.

Dinyar Patel, Associate Professor of History, SP Jain Institute of Management and Research, Mumbai. *Indian Patriot, British MP, Global Anti-Imperialist: The Transnational Life and Career of Dadabhai Naoroji*. October 20, 2021.

Anita L. Allen, Henry R. Silverman Professor of Law and Professor of Philosophy, University of Pennsylvania. *Privacy and Justice: Transnational Values for the Digital Age*. November 10, 2021.

Shivshankar Menon, Former National Security Advisor and Foreign Secretary, Government of India. *Geopolitics and Indian Strategy*. November 17, 2021.

Maya Jasanoff, X.D and Nancy Yang Professor of Arts and Sciences and Coolidge Professor of History, Harvard University, and **Patrick French**, Dean, School of Arts and Sciences, Ahmedabad University. *Writing Writers' Lives*. February 2, 2022.

Maya Jasanoff, X.D and Nancy Yang Professor of Arts and Sciences and Coolidge Professor of History, Harvard University and Visiting Professor, Ahmedabad University. *Stories for Our Times: Writing History in the 21st Century*. February 9, 2022.

Gautam Menon, Professor of Physics and Biology and Director of Centre for Climate Change and Sustainability, Ashoka University. *Making Interdisciplinarity Work For You*. March 9, 2022.

Marcus du Sautoy, Charles Simonyi Professor for the Public Understanding of Science, Oxford University. *The Art of the Shortcut*. March 16, 2022.

Goutam K Samanta, Professor, Physical Research Laboratory, Ahmedabad. *Quantum Key Distribution: Principle to Practice*. March 23, 2022.

Samuel Wright, Leibniz-Centrum Moderner Orient, Berlin; **Lisbeth Lipari**, Professor, Communication, Denison University; **Shishir Saxena**, Assistant Professor, School of Arts and Sciences, Ahmedabad University; and **Zachary Joachim**, Professor, Philosophy, Denison University. *Doing Global Philosophy in the 21st Century*. April 12, 2022.

Shruti Kapila, Associate Professor in History, and Fellow, Tutor and Director of Studies at Corpus Christi College, Cambridge University. *Indian Political Thought in the Global Age*. April 20, 2022.

Sugandha Nagpal, Assistant Professor, School of International Affairs, OP Jindal University. *Education, Mobility and Self-Making of Middle-Class Dalit Women*. April 20, 2022.

Sudipta Sarkar, Associate Professor, IIT Gandhinagar. *Towards Relativity: Einstein and His Compass*. April 25, 2022.

Shrayana Bhattacharya, Economist, Social Protection and Labour Unit for South Asia, World Bank. *What Women Want: Seeking Shah Rukh Khan, Intimacy and Independence*. April 27, 2022.

Manan Ahmed Asif, Associate Professor of History, Columbia University. *Firishta's Hindustan*. May 5, 2022.

RESEARCH SEMINAR SERIES

Soumen Ghosh, University of California, San Diego. *Slow Positron Beam to Probe Physics of New Annihilation Resonances*. July 2, 2021.

Shomen Mukherjee, School of Arts and Sciences, Azim Premji University. *Ecological Applications: From Foraging Games to Public Health*. July 9, 2021.

Samrat Chatterjee, Associate Professor, Translational Health Science and Technology Institute, Faridabad. *Exploring Significance of Bistability in Cell Signalling Through Mathematical Models*. July 14, 2021.

Palash Ghosh, Department of Mathematics and School of Health Science & Technology, IIT Guwahati. *How to Use Different Statistical Models to Analyse and Predict Covid-19 in India*. August 4, 2021.

Malay Banerjee, Department of Mathematics and Statistics, IIT Kanpur. *Covid-19: The Advantages and Limitations of Mathematical Modelling*. September 1, 2021.

Urmi Nanda Biswas, Professor, Department of Psychology, M.S University Baroda. *Values and Work Conditions for Organising Sustainable Eldercare*. September 21, 2021.

Ranu Roychoudhuri, Assistant Professor, IIT Guwahati. *Of People and Smoke: Industrialscape in Post-Independence India*. September 27, 2021.

Nithin George, Assistant Professor, School of Arts and Sciences, Ahmedabad University. *Why Can't You Tickle Yourself?* September 29, 2021.

Sangeet Kumar, Associate Professor, Denison University. *Differential Sovereignty and Geopolitical Tussles: Big Tech, The Nation State and a User Centric Regime for the Digital Era*. October 6, 2021.

Charu Singh, Doctoral Candidate, University of Delhi. *The Idea of 'Stree Shiksha' in the Nineteenth Century Hindi Public Sphere, and the Counter Public*. October 25, 2021.

Jitesh Jhavar, Postdoctoral Researcher, Max Planck Institute of Animal Behaviour, Konstanz, Germany. *Noise as a Signal in Animal Collectives*. November 22, 2021.

Guillaume Wadia, Postdoctoral Fellow, Mershon Center for International Security Studies, Ohio State University. *Intelligence and Eco-Governance in the French Protectorate of Morocco, 1927-1934*. February 7, 2022.

Sujata Parsai, Director, Lalbhai Dalpatbhai Museum, Ahmedabad. *Stories of Collections, Stories Collections Tell*. February 23, 2022.

Arul Lakshminarayanan, Head, Department of Physics, IIT Madras. *36 Entangled Officers of Euler: A Quantum Solution to a Classically Impossible Problem*. April 6, 2022.

David Enoch, Rodney Blackman Chair in the Philosophy of Law and Co-Director, Center for Moral and Political Philosophy, Hebrew University of Jerusalem. *Politics and Suffering*. April 8, 2022.

INTERSECTIONS

In order to actively foster interdisciplinary research and teaching, the Intersections seminar series in the School of Arts and Sciences hosts short non-technical research presentations. The School organised multiple seminars during the academic year 2021-2022 and Manomohini Dutta, Assistant Professor in the division of Humanities and Languages, and Susanta Tewari, Assistant Professor in the division of Mathematical and Physical Sciences, were the conveners.

Here are the details of the presentations:

Nithin George and Sayan Goswami, *Using Experimental Psychology to Explain the Behaviour of Machine Learning Algorithms*. February 16, 2022.

Rama Ratnam and Manomohini Dutta, *Seeking Flavour: Evolution, Taste, and Pieces from Prehistory*. April 13, 2022.

Mary Ann Chacko and Kaushik Jana, *Experience and Learning from the Collaborative Teaching of Quantitative and Qualitative Research Methods*. May 4, 2022.

→ Assistant Professor Ratna Ghosal's Ecology and Environment Laboratory is equipped in assessing hormonal physiology of wild vertebrates through non-invasive sampling, while extracting hormone metabolites from fecal and urine samples.

Research at the School of Arts and Sciences

BOOKS

Mathew, L. (2022). *English Linguistic Imperialism from Below: Moral Aspiration and Social Mobility*. Bristol: Multilingual Matters.

Pandit, S. A. (2021). *An Introduction to Psychology*. New Delhi: Sage Texts

BOOK CHAPTERS

Mahadevia, D. (2022). Housing in Smart City: The Emperor Has no Clothes. In Kundu, A., Ponce Dentinho, T., Magsi, H., Basu, K., Bandyopadhyay, S. (Eds.), *Accessible Housing for South Asia* (203-223), Switzerland: Springer.

Pandit, S. A. (2022). Risk and Resilience Among Indian Adolescents: A Community Approach. In Patra S. (Ed.), *Adolescence in India* (453-473), Singapore: Springer.

Ramnath, A. (2022). La Controverse du Pont de Howrah trans. Christine Vivier. In Gadea, C., Lardinois, R. (Eds.), *Les Mondes de l'ingénieur en Inde (XIXe-XXIe siècle)* (75-97), Paris: Classiques Garnier.

JOURNAL ARTICLES

Chaudhari R., Nasra S., Meghani N., & Kumar A. (2022). MiR-206 Conjugated Gold Nanoparticle Based Targeted Therapy in Breast Cancer Cells. *Scientific Reports*. 12(1), 4713. <https://doi.org/10.1038/s41598-022-08185-1>

Desai, B. , Mukherjee, S., Whitaker, N., & Ghosal, R. (2022). Anecdotal Observations of 'Double Clutching' Behaviour in Captive Mugger Crocodiles (*Crocodylus Palustris*). *Behaviour*. 159(8-9), 887-897. <https://doi.org/10.1163/1568539X-bja10153>

Gogoi, M. M., Pandey, S. K., Arun, B. S., Nair, V. S., Thakur, R. C., Chaubey,

J. C., Tiwari, A. T., Manor, M. R., Kompalli, S. K., Vaishya, A., Prijith, S. S., Hedge, P., & Babu, S. S. (2021). Long-term changes in aerosol radiative properties over Ny-Ålesund: Results from Indian scientific expeditions to the Arctic. *Polar Science*. 30. 100700. <https://doi.org/10.1016/j.polar.2021.100700>

Kansara, K., Bolan, S., Radhakrishnan, D., Palanisami, T., HAI-Muhtaseb, A., Bolan, N., Vinu, A., Kumar A., & Karakoti, A. (2022). A Critical Review on the Role of Abiotic Factors on the Transformation, Environmental Identity and Toxicity of Engineered Nanomaterials in Aquatic Environment. *Environmental Pollution*. 296 (1), 118726. <https://doi.org/10.1016/j.envpol.2021.118726>

Kapun, M., Nunez, J. C. B., Bogaerts-Márquez, M., Murga-Moreno, J., Paris, M., Outten, J., Coronado-Zamora, M., Tern, C., Rota-Stabelli, O., García Guerreiro, M., Casillas, S., Orengo, D., Puerma, E., Kankare, M., Ometto, L., Loeschcke, V., Onder, B. S., Abbott, J. K., Schaeffer, S. W., Rajpurohit, S., Behrman, E. L., Schou, M. F., Merritt, T. J. S., Lazzaro, B. P., Glaser-Schmitt, A., Argyridou, E., Staubach, F., Wang, Y., Tauber, E., Serga, S. V., Fabian, D. K., Dyer, K. A., Wheat, C. W., Parsch, J., Grath, S., Veselinovic, M. S., Stamenkovic-Radak, M., Jelic, M., Buendía-Ruiz, A. J., Gómez-Julián, M. J., Espinosa-Jimenez, M. L., Gallardo-Jiménez, F. D., Patenkovic, A., Eric, K., Tanaskovic, M., Ullastres, A., Guio, L., Merenciano, M., Guirao-Rico, S., Horváth, V., Obbard, D. J., Pasyukova, E., Alatorsev, V. E., Vieira, C. P., Vieira, J., Torres, J. R., Kozeretska, I., Maistrenko, O. M., Montchamp-Moreau, C., Mukha, D., Machado, H., Barbadilla, A., Petrov, D., Schmidt, P., Gonzalez, J., Flatt, T., Bergland, A. O. (2021). Drosophila Evolution over Space and Time (DEST) - A New Population Genomics Resource. *Molecular Biology and*

Evolution. 38(12), 5782-5805. <https://doi.org/10.1093/molbev/msab259>

Mahadevia, D., & Bhatia, N. (2021). Towards New Urban Agenda: A Radical Reorientation of Urban Planning Education in India. *Environment and Urbanization Asia*. 12 (2), 187-201. <https://doi.org/10.1177/09754253211040193>

Mahadevia, D., Datt, M., Adhvaryu, B., & Killiyath, S. (2021). Spatiality of COVID-19 Infections in Ahmedabad: An Early Period Analysis. *IDEAS*. 10.31219/osf.io/ycnue

Mallick, S., Raval, H., & Ghosal, R. (2022). Larger Versus Smaller Heterospecifics: Shoaling Behaviour in Orange Chromides, an Endemic Cichlid of the Indian Subcontinent. *Marine and Freshwater Behaviour and Physiology*. 55 (1-2), 35-44. <https://doi.org/10.1080/10236244.2022.2085571>

Mansuri, A., Chaudhari, R., Nasra, S., Meghani, N., Ranjan, S., & Kumar A. (2022). Development of Food-grade Antimicrobials of Fenugreek Oil Nanoemulsion—Bioactivity and Toxicity Analysis. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-022-19116-y>

Mathew, L. (2022). Festivalization of Rigor: Productivity of masti [playfulness] at a pharmacy college in India. *Anthropology and Education Quarterly*. 53(2), 167-188. 10.1111/AEQ.12412.

Mukhopadhyay, C., & Mahadevia, D. (2021). How do NDC and UN's Sustainable Development Goals Introduce New Meaning of Sustainability within Mega Transport Project Appraisals? *Journal of Mega Infrastructure & Sustainable Development*. 1(3), 237-254. 10.1080/24724718.2021.1930946

Niranjana, T., & Eunsoo Lee. (2022). Digital Intimacies: Friends, Lovers and Families in Contemporary Asia. *Inter-Asia Cultural Studies*. 23(2), 336-343. <https://doi.org/10.1080/14649373.2022.2064620>

Niranjana, T. (2022). Post-Institutional or Quasi-Institutional? Cultural net-workers in Pandemic Times. *GA Journal: Journal of Global Arts Studies and Curatorial Practices*. 3, 7-22. <http://ga.geidai.ac.jp/2022/05/11/> 『ga-journal-東京藝術大学大学院国際芸術創造研究科論集/

Omi, K. (2022). Book Review: Against Massacre: Humanitarian Intervention in the Ottoman Empire, 1815-1914 by Davide Rodogno. *Reitaku International Journal of Economic Studies*. 29 (1), 58-60. <http://id.nii.ac.jp/1046/00001254/>

Omi, K. (2022). Book Review: The New Global Rulers: The Privatization of Regulation in the World Economy by Tim Büthe & Walter Mattli. *The Journal of American and Canadian Studies*. 39 (1), 87-95. https://dept.sophia.ac.jp/is/amecana/wp-content/uploads/2022/04/39-3_New_Global_Rulers_Book_Review.pdf

Pandit, S. A. (2021). Advaita: Oneness as a Lived Reality—Examining Aspects of Profound and a Radical Psychology. *Psychology and Developing Societies*. 33(2), 190-207. <https://doi.org/10.1177/09713336211038814>

Reddy, N. N. (2021). Cognitive Penetration Is an Instance of Experimental Confounding - Due to the Operationalization of Perception As a Magnitude Estimation (Rather Than As a Category Identification). *The Journal of Mind and Behavior*. 42 (1), 73-98. <https://psycnet.apa.org/record/2021-51461-005>

Reddy, N. N. (2022). The Implicit Sense of Agency Is Not a Perceptual Effect but Is a Judgment Effect. *Cognitive Processing*. 23(1), 1-13. [10.1007/s10339-021-01066-x](https://doi.org/10.1007/s10339-021-01066-x)

Saxena, S. (2022). Is Word-Meaning Denoted or Remembered? Śālikanātha's Cornerstone in Defence

of Anvitābhidhāna. *Journal of Indian Philosophy*. 50(2), 285-304. <https://doi.org/10.1007/s10781-021-09503-z>

Van Weelden, J. (2022). Book Review: Expertise: A Philosophical Introduction by Jamie Carlin Watson. *Spontaneous Generations: A Journal for the History and Philosophy of Science*. 10(1), 145-148. <https://doi.org/10.4245/spongen.v10i1.38221>

Williams, G., Charlton, S., Coelho, K., Mahadevia, D., & Meth, P. (2021). (Im)mobility at the Margins: Low-income Households' Experiences of Peripheral Resettlement in India and South Africa. *Housing Studies*. 37(6), 910-931. <https://doi.org/10.1080/02673037.2021.1946018>

CONFERENCE PRESENTATIONS

Biswas, U. N. (2022). Navigating Pandemic: Analysing Everyday Experience of the Indian Aspirants and Actual Immigrants to Canada. *19th Annual International Migration Research Network (IMISCOE) Conference*, Oslo, Norway, June 29-July 1.

Desai, B., Shah, S., Mukherjee, S., Joshi, K., Datt, M., & Ghosal, R. (2021). Development of an Automated Biometric System for Individual Identification of Mugger crocodile (*Crocodylus palustris*): A Deep learning approach. *10th IUCN-Crocodile Specialist Group, Drone Workshop*, Virtual, January 3, 2022

Jayachandran, V., Babu, S. S., Vaishya, A., Gogoi, M. M., Nair, V. S., Satheesh, S. K., & Moorthy, K. K. (2021). Altitudinal Variation of CCN Activity Across the Indo-Gangetic Plain prior to the Onset of Monsoon. *International Conference on Clouds and Precipitation 2021*, Pune, India, August 2-6.

Mahadevia, D. (2021). Learning from COVID-19: Linking Climate and Resilience of Cities. *Workshop on COVID-19, Climate Change and Cities: Learning from the Pandemic, Global Centre for Environment and*

Energy, Ahmedabad University, India, October 27.

Mahadevia, D. (2021). Remodelling Urban Planning and Management Education for Future Urban Resilience. *BReUComm Workshop*, XIM University, Bhubaneshwar, India, August 14.

Mahadevia, D. (2021). Future of Mobility through Local Innovation and Transport Solutions. *Conference of Parties (COP) 26*, Glasgow, Scotland, November 10.

Mahadevia, D. (2021). Mainstreaming Micro Level Planning (LAP & TPS) in Urban Legislation'. *Connect KARO 2021 (World Resources Institute India)*, Virtual, September 17.

Mahadevia, D. (2021). Understanding Gendered Mobility in Indian Cities Through Low Carbon Urban Transport Systems. *Transport Research Board Conference on Advancing Transportation Equity*, Virtual, September 9-14.

Mahadevia, D. (2022). Active Mobility, Exploring Co-Benefits of Active Transportation in a Low-Carbon Future: A Case of Two Indian Cities. *14th Ecocity World Summit*, Virtual, February 22-24.

Mathew, L. (2021). Familiar Futures: Testing, Anticipation, and Precarity in Middle-class India. *Annual Conference on South Asia, University of Wisconsin-Madison*, October 21-23.

Mathew, L. (2022). Suspended Between Respectability and Responsibility. Roundtable, Communicative Knowledge and Mobilizational Concepts: Taking suspension as an example. *Hong Kong Polytechnic University & Max Planck Institute for Social Anthropology*, Virtual, February 14-15.

Mathew, L. (2022). We ran up the Girnar: The Spatial Rescue of Masculinity in Western India. *American Association of Geographers Annual Conference*, New York, USA, February 25-March 3.

Mohammadian, M., & Fazeli, F. (2022). Avicenna's Flying Man in Einstein's Elevator. *The International Conference on Philosophical Anthropology in Ibn Sina*, Tehran, Iran, February 6-9.

Niranjana, T. (2021). Vocal Music and the Performance of Modernity. *Conference on Afro-Asian Musical Imaginaries: Recentering Cultural Knowledge Across Continents*, India International Centre, New Delhi, India, September 16-17.

Omi, K. (2022). A Cross-Presidential Study of Presidential Decision Directives (PDDs) on US Foreign Policy toward Japan. *2022 International Studies Association (ISA) Annual Conference*, Nashville, Tennessee, USA, March 29.

Omi, K. (2022). Managing Cybersecurity Under Restraints: Comprehensive Cybersecurity or Reluctant Realism? *2022 International Studies Association (ISA) Annual Conference*, Nashville, Tennessee, USA, March 28.

Pandit, S. A. (2022). Colonization, Decoloniality and an Indian Psychology. *31st Annual Convention of National Academy of Psychologists (NAOP)*, IIT Bombay, India, March 4-6.

Pandit, S. A. (2022). Women and Mental Health in a Globalized World. *1st Virtual Asian Mental Health Symposium, Indian Academy of Professional Supervisors*, Virtual, April 9-10.

Rajpurohit, S., (2021). Understanding Ecological Significance of Drosophila Wing Spot. *Indian Drosophila Research Conference (InDRC) 2021*. Indian Institute of Science Education and Research, Kolkata, India. December 13-17.

Rajpurohit, S., (2022). Wing-spot Pigmentation Responds to Temperature in a Non-linear Fashion. *International Conference on Insect Systematics and Evolutionary Biology (ISEB3)*. Punjabi University, Patiala, India. February 16-18.

Saxena, S. (2021). The Prābhākara's Claim of the Middle-path: Śālikanātha on Non-conceptual (nirvikalpaka) Cognitions. *11th Coffee Break Conference*, Vienna, Austria, December 10-11, 16-17.

Van Weelden, J. (2021). The Single Life Repugnant Conclusion. *Workshop on Welfare 2021*, Saarland University, Germany, July 9-11.

Van Weelden, J. (2022). Putting the Desire Back in Subjectivism. *Workshop on Welfare 2022*, Saarland University, Germany, June 23-24.

INVITED LECTURES

Chacko, M. A. Mediated Childhoods: Newspapers and the Modern Malayali Child. Critical Childhoods and Youth Studies Collective, Virtual, January 29, 2022.

Chacko, M. A. School Enrichment Activities and Middle-Class Aspirations in Contemporary Kerala. Conversation Series, TISS-Azim Premji School of Education, Hyderabad, October 19, 2021.

Ghosal, R. Chemical Communication in the Animal World. Animal Behavior Course Students of Indian Institute of Science Education and Research, Mohali, Punjab, November 1, 2021.

Ghosal, R. Indian Wildlife Research. International Society of Wildlife Endocrinology, Virtual, August 17, 2021.

Ghosal, R. Understanding Ecological Adaptation Strategies of Mugger Crocodile (*Crocodylus palustris*) Populations Across Diverse Habitats within the States of Gujarat India. Department of Zoology, Maulana Azad College, Kolkata, September 11, 2021.

Kumar, A. Comment on Andrea Kern's 'Perceiving that p' - Capacities, Opportunities and Hindrances. Perceptual Experience and Empirical Reason, Virtual, University of Pittsburgh, December 3-5, 2021.

Mahadevia, D. Urban Planning Conundrum or its Epitaph? Centre for Policy Research, New Delhi, October 26, 2021.

Mahadevia, D. Urban Planning Conundrum or its Epitaph? Centre for Urban Science and Engineering, IIT Bombay, November 3, 2021.

Mohammadian, M. Theoretical Virtues and the Epistemic Aims of Science. Science Studies Research Group, Iranian Institute of Philosophy, Tehran, Iran, October 17, 2021.

Niranjana, T. After Orientalism. Journal of the Society for Asian Humanities, Australia, September 23, 2021.

Niranjana, T. Cultural Diversity and Identity Formation. 14th Annual All-India Conference of Chinese Studies. Virtual, November 11, 2021.

Niranjana, T. International Crosstalk Symposium: Toward a New Platform for Creative Asia. Tokyo University of the Arts, January 21, 2022.

Rajpurohit, S. Understanding Water Balance in Insects. Zoology in 21st Century, Department of Zoology, Shivaji University, Kolhapur, India January 17-22, 2022.

Rajpurohit, S. Water Balance in Drosophila: Insights from Natural Populations, Selection Experiments, and Genome-wide Association Studies. Indian Drosophila Research Meeting InDRC2021, Indian Institute of Science Education and Research, Kolkata, December 13-17, 2021.

Rajpurohit, S. Wing-spot Chemistry Reflects Male Fitness and Dictates Female Choice in Drosophila Biarmipes. International Symposium on Advances in Comparative Endocrinology and Behavioural Ecology, Department of Zoology, Pune University, July 1-3, 2021.

Shukla, A. The Joy of q-series Identities. Virtual, Uniwersytet Kazimierza Wielkiego, Poland, December 9, 2021.

SCHOOL OF ENGINEERING AND APPLIED SCIENCE

The School of Engineering and Applied Science builds problem-solving abilities and decision-making skills, and integrates engineering with liberal arts and management to help our students succeed in demanding engineering careers. The year 2021-2022 witnessed dynamic new developments at the School. We had nine new faculty colleagues joining in. Sunil Kale joined as the Dean after a long service at the Indian Institute of Technology Delhi. Timothy Gonsalves joined as Distinguished Professor after superannuating from the Indian Institute of Technology Madras, and Naresh Chandra Sharma joined as Professor of Practice after a long career in leading industries in the field of composite materials.

The School developed a medium-term vision for growth and consolidation of academic programmes and research. An initiative has been launched for strengthening the interdisciplinarity of the undergraduate curriculum while simultaneously developing the hard and soft skills of our future engineers. The MTech programme is being reviewed and introduction of new MTech programmes is being explored in collaboration with industries. Steps have been initiated for strengthening the PhD programme and for expanding research. The School is in advanced stages of finalising memoranda of understanding with select industries and research organisations. Excellence and innovation in teaching and research continue to be hallmarks of engineering courses alongside interdisciplinarity, strong fundamentals, and hands-on work.

PROGRAMMES

BACHELOR OF TECHNOLOGY

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

MASTER OF TECHNOLOGY

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

DOCTORAL PROGRAMMES

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



NEW FACULTY MEMBERS

The following are our new faculty members:

Shuja Ahmed

Assistant Professor
PhD in Mechanical Engineering, IIT Patna, India

Jayendra Bhalodiya

Assistant Professor
PhD in Engineering, University of Warwick, UK

Sudip Das

Professor
PhD in Engineering, IIT Bombay, India

Adarsh Venkataraman Ganesan,

Assistant Professor
PhD in Engineering, Cambridge University, UK

Timothy A Gonsalves

Distinguished Professor
PhD in Electrical Engineering,
Stanford University, USA

Sunil Kale

Professor and Dean
PhD in Mechanical Engineering,
Stanford University, USA

Amit Nanavati

Professor
PhD in Computer Science,
Louisiana State University, USA

Sanket Patel

Assistant Professor
PhD in Electronics, Dhirubhai Ambani Institute of
Information and Communication Technology, India

Naresh Chandra Sharma

Professor of Practice of Engineering
Master en Techniques de l'Helicopters, École
Nationale Supérieure D'ingénieurs de Constructions
Aéronautiques, France



NITIN BANKER

Associate Professor

Received the Science and Engineering
Research Board (SERB) International Research
Experience fellowship for 2022-23.



AKHAND RAI

Assistant Professor

Featured in the World's Top
2% Scientists list for 2021 by
Stanford University.

FACULTY ACHIEVEMENTS



VINOD MALL

Visiting Professor

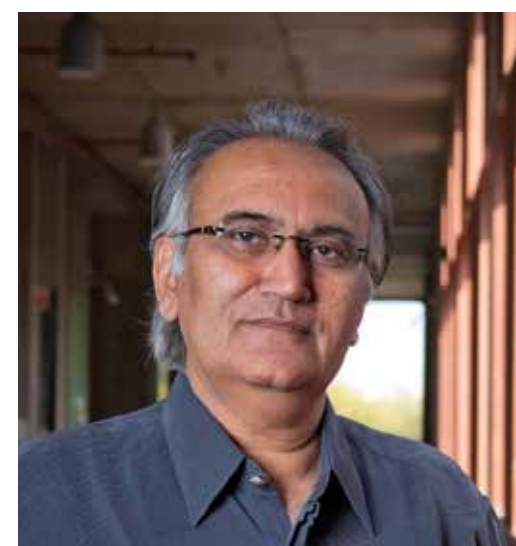
Conferred the Outstanding Alumni
Award of Excellence by the Indian
Institute of Technology (BHU) Varanasi
in December 2021.

MEHUL RAVAL

*Professor and
Associate Dean, Experiential Learning*



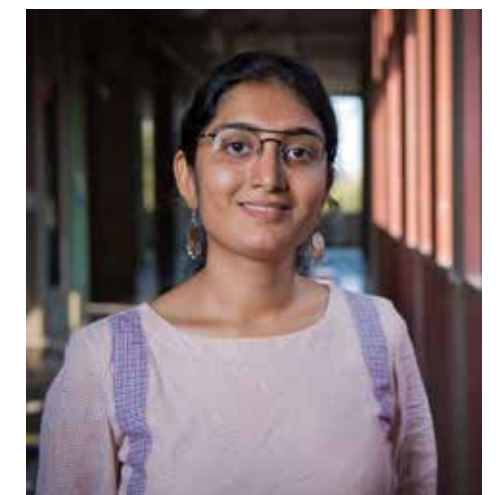
Awarded as Outstanding
Associate Editor 2021 for IEEE
Access International in May 2022.



SANJAY CHAUDHARY

*Associate Dean
School of Engineering and Applied Science
Dean of Students*

Served as Vice President of the
Indian Society of Agricultural
Information Technology.



JAINA MEHTA

Lecturer

Received a seed grant on being
shortlisted for the start-up idea
of PARKIN app with student Vidit
Ghelani in herSTART 2021.

EVENTS



INGENIUM

Ingenium, Ahmedabad University's technological festival, was back this year with workshops, events, talks, hackathons, and competitions. Started in 2016, Ingenium offers students a platform to test their calibre while maintaining a healthy and competitive spirit. The annual festival was organised on April 8-10 with 1300 attendees from across India participating in 28 events.

Amazon Web Services Cloud Foundations Course

The first batch of the Amazon Web Services (AWS) Cloud Foundations Course was organised by the AWS Academy during Winter Semester 2022 and two batches were organised during Summer Semester 2022 by Kuntal Patel, Assistant Professor, Ahmedabad University.



2011 India Students Regional International Student Conference

The American Institute of Chemical Engineers (AIChE) Ahmedabad University Student Chapter hosted the 2021 India Student Regional Conference in August.



Intelligent Transportation Systems (ITS) Research Cluster Workshop

An ITS Research Cluster workshop was organised in April to train MICxN UGRP Scholars about the PTV-VISSIM simulation tool. Eight participants along with four faculty members were trained for traffic modelling of Berlin, Germany, in this 12-hour-long training.

Bosch Future Mobility Challenge 2022

The Ahmedabad University Student Branch of the Institute of Electrical and Electronics Engineers (IEEE) were selected as finalists for the Bosch Future Mobility Challenge 2022 in Romania.

Arduino Workshop

The IEEE Ahmedabad University Student Chapter organised a workshop on Arduino in March 2022 to provide Arduino kits to all its new members guiding them on the use of Arduino and the components compatible with it.

Entrepreneurial Talk

Sanket Patel, Assistant Professor, delivered a session on Start-up in Electronics – Opportunities and Implementation – A Broader Perspective to make students aware of the new and exciting opportunities as entrepreneurs in the domain of industrial electronics.

INDUSTRIAL VISITS

Industrial Visits assume great significance from the point of view of the professional development of our students and, simultaneously, in building an industry connect for our faculty for Capstone projects and other project-based learning associations. In the year gone by, the following Industrial Visits were organised.

FACILITY	DETAILS
Atul Limited and Meghmani Organics Limited	Students visited two of the largest chemical companies in India, Atul Limited, Ankleshwar, and Meghmani Organics Limited, Ankleshwar, in September, along with faculty members Harshad Shah, Sudip Das, and Ankit Prajapati.
eInfochips	Students visited eInfochips, Ognaj, Ahmedabad, along with faculty members Mitaxi Mehta, Kuntal Patel, and Shefali Naik, in an interaction organised by Sanket Patel, Assistant Professor.
RBD Engineers	Students visited the manufacturing facility of RBD Engineers located at Khatraj near Ahmedabad in March 2022 with Keyur Joshi, Assistant Professor.
TCS Garima Park	Faculty members Mehul Raval, Mazad Zaveri, Sanket Patel, and Sham Gurav visited the TCS Garima Park in March 2022 for discussions between the TCS ITS group and the University ITS Cluster on faculty exposure programme, awareness sessions, student internships, collaborations, and curriculum tailoring.
United Phosphorus Limited (UPL)-Unit-1	PhD students and 2nd and 3rd year BTech students majoring in Chemical Engineering visited United Phosphorus Limited Unit 1, Ankleshwar, in April 2022 with faculty members Harshad Shah, Sridhar Dali, and Ankit Prajapati.
IFEX2022 INDUSTRIAL EXPOSITION	A visit to the Indian Foundry Congress and Cast India Expo 2022, Gandhinagar, was arranged for students in April 2022 with faculty members Jaina Mehta, Maryam Kaveshgar, Keyur D Joshi, and Adarsh Ganesan.

STUDENT ACHIEVEMENTS



AANSHI PATWARI

Bachelor of Technology in Information and Communication Technology

Received the Outstanding WIE (Women In Engineering) Volunteer Award. She was the Chairperson of the WIE Affinity Group of the IEEE Ahmedabad University Student Branch for 2021.

Received the Student Award for Outstanding Performance and Impact on Community on the 13th Foundation Day celebrations of the University on February 27, 2021.



KAUSHAL PATIL

Bachelor of Technology in Information and Communication Technology

Led a team that won the AI Impact Creators award at Intel's AI Global Impact Festival 2021.



YASHRAJ KAKKAD

Bachelor of Technology in Information and Communication Technology

Received the Student Award for Outstanding Performance and Impact on Community on the 13th Foundation Day celebrations of the University on February 27, 2021.



MAITRIK SHAH

Doctoral Candidate

Won the 3rd prize for his paper titled Deep Learning-based Emulator for 6S Atmospheric Correction Model at the Institute of Electrical and Electronics Engineers India's Geoscience And Remote Sensing Symposium 2021 held in December.



DHANA LAKSHMI MANYALA

Doctoral Candidate

Presented a paper titled Non-ionic IGEPALCO-520 mediated formation and characterisation of novel microemulsions for personal care under the Young Researcher category in the 2nd IC2STD - 2021, organised by the Department of Chemistry, Sardar Vallabhbhai National Institute of Technology, India, in association with the Department of Chemistry, Chung-Ang University, South Korea, in November. She was presented with the Young Scientist Award in this category.



VRUNDA GADESHA

Doctoral Candidate

Received the Scheme for Developing High Quality Research (SHODH) scholarship for two years beginning July 1, 2021, by the Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat, under the mentorship of Shefali Naik, Assistant Professor.



VIRAJ BHOGANI

Bachelor of Technology in Chemical Engineering

Received the Donald F Othmer Sophomore Academic Excellence Award from AIChE.



ANANNYA OLI

Bachelor of Technology in Chemical Engineering

Received the Freshman Recognition Award from AIChE.



JIMIL DESAI

Bachelor of Technology in Information and Communication Technology

Selected to work at CERN (European Council for Nuclear Research), Geneva, for a year as a Technical Student.

WIE (WOMEN IN ENGINEERING) AFFINITY GROUP OF IEEE AHMEDABAD UNIVERSITY STUDENT BRANCH

- Won the Outstanding WIE Student Branch Award under the mentorship of Sanket Patel and Kuntal Patel.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE) AHMEDABAD UNIVERSITY STUDENT CHAPTER

- Adjudged the Outstanding Student Chapter 2020-21 for the third year in a row.
- Received the Outstanding Sister Chapter Award 2020-21 with its sister chapter AIChE New Jersey Institute of Technology Student Chapter as a pair, the only chapters to have won this award in 2020-21. The AIChE Ahmedabad University Student Chapter is the only Asian chapter that has won this award so far.



**SUDHANSHU
RAI**

Bachelor of Technology in Mechanical Engineering

Secured an A grade for the CAD design of their toy Gömball - Toys for Autistic Kids at the Project-Oriented Problem Based Learning Program of the Indo Universal Collaboration for Engineering Education.



**KAIRAVIN
NAMA**



DAKSH PATEL



PANTH PATEL

*Bachelor of Technology in Information and
Communication Technology*

ARPITSINH VAGHELA

*Bachelor of Technology in Information and
Communication Technology*

ADITYA RAJ

Bachelor of Technology in Mechanical Engineering

MANAN ANJARIA

Bachelor of Science in Computer Science

KAUSHAL PATIL

*Bachelor of Technology in Information and
Communication Technology*

Participated in the Bosch Future Mobility Challenge finals held in Romania, being the only Indian team to do so. They were mentored by Maryam Kaveshgar, Assistant Professor.

GUEST LECTURES

Marissa Borges, Head Training and Special Project, Red Dot Foundation and NoellenAnn Park, Advocate Bombay High Court, Bombay. *Cyber Saathi*. July 21, 2021.

Sakshi Malhotra, Technical Program Manager, AWS Education to Workforce Team, Amazon, New Delhi. *Introduction to Amazon Web Services*. August 25, 2021.

Aniket Advharyu, Assistant Consultant Technical Lead, Tata Consultancy Services, Pune. *Advanced Driver Assistance System*. September 15, 2021.

Manohar Patil, Senior Consultant, Tata Consultancy Services, Pune. *EV Charging Infrastructure*. September 22, 2021.

Sanjiv Jha, Senior Data Scientist, Amazon, Bangalore. *Universal Traffic Management*. October 18, 2021.

Rajkumar Bhuya, Director, Cloud Computing and Distributed Systems Lab, University of Melbourne, and CEO, Manjrasoft Pvt Ltd, Melbourne, Australia. *Neoteric Frontiers in Cloud and Edge Computing*. October 25, 2021.

Kirit Adhia, Technology Consultant, Ahmedabad. *Plant Location and Equipment Layout - Soda Ash Plant, a Case Study*. November 16, 2021.

Anil Trivedi, Former CEO, Gujarat Safety Council and Consultant, World Bank and Asian Development Bank, Vadodara. *Chemical Process Safety*. March 23, 2022.

RESEARCH SEMINAR SERIES

Pankaj Kumar, Associate Professor, DA-IICT, Gandhinagar, Gujarat. *Computer Vision and Deep Learning Applications*. July 16, 2021.

Abinaya Sampath, PhD Scholar in Chemical Engineering, University of Illinois Urbana-Champaign, USA. *Effects of Promoters and Supports on Selective C-C/C-H/O-O Bond Ruptures over Transition Metal Catalysts*. July 22, 2021.

Nanji J Hadia, Research Scientist, Institute of Chemical and Engineering Sciences, Singapore. *Nanoparticles for Enhanced Oil Recovery (EOR) Applications*. July 28, 2021.

Perna Gera, Postdoctoral Fellow, Department of Mathematics, University of Wisconsin-Madison, USA. *Dynamics of Three-Dimensional Patchy Vesicles*. August 25, 2021.

Absar M Lakdawala, Associate Professor, Department of Mechanical Engineering, Institute of Technology, Nirma University. *Level Set Method and its Application to the Study Drop and Bubble Dynamics*. September 7, 2021.

Tanuj Saxena, Device Design Engineer, NXP Semiconductors, USA. *Advancements in RESURF Power MOSFET Technology*. September 30, 2021.

Punnag Chatterjee, Postdoctoral Fellow, Fluidic Automation, Georgia Institute of Technology, Atlanta, USA. *Multifunctional Structures for Energy Capture*. January 24, 2022.

Ramesh Gardas, Professor, IIT Madras. *Tips on Scientific Literature Search and Writing Skills: Do's & Don'ts*. February 9, 2022.

Gayathri Subramanyam, Lead Scientist, ITC Life Science, Bangalore. *Applications of Surfactants in Personal Care Products*. February 22, 2022.

Arnav Jhala, Associate Professor, North Carolina State University, USA. *Narrative Report Generation for Large Structured Email Datasets*. March 23, 2022.

Neeta Trivedi, CEO, Inferigence Quotient, Bangalore. *Making Drones Intelligent*. April 6, 2022.

Bhanu Prakash P, Head of Product Lines: Camera Ultrasonic & ADCU, BLN, Component Business, Continental Automotive Components (India) Pvt. Ltd., Bangalore. *Human Centric AI in Autonomous Driving*. April 7, 2022.

Siddharth Suman, Postdoctoral Researcher, Paul Scherrer Institute, Switzerland. *Materials Degradation in Light Water Reactors: Life After 60*. May 25, 2022.

Research at the School of Engineering and Applied Science

STUDENT PRESENTATIONS

Gadesha, V., & Naik, S. *Cognizance for Diamond Buyers - The Exploratory Data Analysis on Diamond Features*, International Conference on Role of ICT in Management and Business 2022 (ICRIMB 2022). Institute of Information Technology and Management, Delhi, March 2022.

Pandya, N., Rajput, G., Janni, D. S., Subramanyam, G., Ray, D., Aswal, A., & Varade, D. *Influence of Electrolyte on SLES/CMEA Mixed Surfactant System*, *International E-Conference on Sustainable and Futuristic Materials* (SFM-2021), International Research Centre, Krishnan Kovil, India, November 2021.

Pandya, N., Rajput, G., Janni, D. S., Subramanyam, G., Ray, D., Aswal, A., & Varade, D. *SLES/Cmea Mixed Surfactant System: Effect of Electrolyte on Interfacial Behavior and Microstructures in Aqueous Media*, 7th Conference on neutron scattering (CNS-2021), Bhabha Atomic Research Centre, Mumbai, India, November 2021.

Rathod, P., & Naik, S. *Review on Epilepsy Detection with Explainable Artificial Intelligence*, Tenth International Conference on Emerging Trends in Engineering and Technology - Signal and Information Processing (ICETET-SIP-22), Nagpur, April 2022.

Shah S., Raval, P., Khakhi H., & Raval, M. S. *Frequency Centric Defense Mechanisms against Adversarial Examples*, ADVN '21: Proceedings of the 1st International Workshop on Adversarial Learning for Multimedia. Chengdu, China,

October 20, 2022.

Sharma, S., Divakaran, S., Kaya, T., & Raval, M. S. *A Hybrid Approach for Interpretable Game Performance Prediction in Basketball*, International Joint Conference on Neural Networks (IJCNN 2022), Padova, Italy, July 2022.

BOOKS

Obi Reddy, G., Raval, M., Chaudhary, S., & Adinarayana, J. (2022). *Data Science in Agriculture and Natural Resource Management*. Singapore: Springer Singapore

BOOK CHAPTERS

Ganguli, A. (2021). Three Dimensional CFD Studies of a Solar Chimney: Effect of Geometrical Parameters and Diurnal Variations on Power Generated. In Marechal, F. M. A., Bezzo, F., Damartzis, T., (Eds.), *Energy and Chemical Engineering - Outcomes from the EFCE Energy Section in the 12th European Congress on Chemical Engineering (ECCE12)* (47-75), Lausanne: Frontiers Media SA

Kumar, V., Hiremath, D., & Chaudhary, S. (2022). An Architecture for Quality Centric Crop Production System. In: Reddy, G.P.O., Raval, M.S., Adinarayana, J., Chaudhary, S. (Eds.) *Data Science in Agriculture and Natural Resource Management Studies in Big Data* (127-141), Singapore: Springer

Raval, M., Chaudhary, S., & Adinarayana, J. (2022). Computer Vision and Machine Learning in Agriculture. In Reddy, G.P.O., Raval, M.S., Adinarayana, J., Chaudhary, S.

(Eds.), *Data Science in Agriculture and Natural Resource Management* (97 - 126), Singapore: Springer

JOURNAL ARTICLES

Ahmad, Z., Rai, A., Hasan, M., Kim, C., & Kim, J. (2021). A Novel Framework for Centrifugal Pump Fault Diagnosis by Selecting Fault Characteristic Coefficients of Walsh Transform and Cosine Linear Discriminant Analysis. *IEEE Access*. 9, 150128 - 150141. 10.1109/ACCESS.2021.3124903.

Bhalodiya, J. M., Lim Choi Keung, S. N., & Arvanitis, T. N. (2022). Magnetic Resonance Image-based Brain Tumour Segmentation Methods: A Systematic Review. *Digital Health*. 8, 1-19. <https://doi.org/10.1177/20552076221074122>.

Bhawal, S., Hassan, P. A., Gawali, S. L., Patil, S. R., Patil, V. N., Solanki, S. H., Manyala, D. L., & Varade, D. (2022). Synthesis and Aggregation Behavior of Novel Biosurfactants Choline Cholate and Choline Deoxy Cholate. *Journal of Molecular Liquids*. 349, 118193. <https://doi.org/10.1016/j.molliq.2021.118193>.

Chaudhary, S. (2022). Smart Offload Chain: A Proposed Architecture for Blockchain Assisted Fog Offloading in Smart City. *International Journal of Electrical and Computer Engineering*. 12(4), 4137-4145. <http://doi.org/10.11591/ijece.v12i4.pp4137-4145>.

Galiyawala, H., Raval, M. S., & Patel, M. (2022). Person Retrieval in Surveillance Videos Using Attribute Recognition. *Journal of Ambient Intelligence and Humanized Computing*. <https://doi.org/10.1007/s12652-022-03891-0>.

Gandhi, C., Kumar, A., Vashist, G., Tang, H., Rai, A., & Xiang. (2022). Maximal Overlap Discrete Wavelet Packet Transforms and Variants of Neutrosophic Cubic Cross-entropy-based Identification of Rotor Defects. *Measurement Science and Technology*. 33(8), 085107. <https://doi.org/10.1088/1361-6501/ac6001>.

Ganguli, A., & Pandit, A. B. (2021). Hydrodynamics of Liquid-Liquid Flows in Micro Channels and Its Influence on Transport Properties: A Review. *Energies*. 14(19), 1-56. <https://doi.org/10.3390/en14196066>

Ganguli, A. A., & Pandit, A. B. (2021). CFD Simulations for Performance Enhancement of a Solar Chimney Power Plant (SCPP) and Techno-Economic Feasibility for a 5 MW SCPP in an Indian Context. *Energies*. 3342(14), 1-28. <https://doi.org/10.3390/en14113342>.

Jain, V., Patel, V. B., Singh, B., & Varade, D. (2022). Microfluidic Device Based Molecular Self-Assembly Structures. *Journal of Molecular Liquids*. 362, 119760. <https://doi.org/10.1016/j.molliq.2022.119760>.

Kaveshgar, M., Patel, N., & Naik P. (2021). Smart Traffic Signal Control for Ahmedabad City. *Innovations in Emerging Technologies and its Applications*. 1(1), 37-56. https://www.researchgate.net/publication/354118314_Smart_Traffic_Signal_Control_for_Ahmedabad_City

Khuntia, S., & Mohan, G. (2022). A Comparative Study of the Catalytic and Non-Catalytic Ozone Based Processes for Simultaneous of SO₂ and NO_x Removal. *Journal of Industrial and Engineering Chemistry*. 106 (2), 152-159. <https://doi.org/10.1016/j.jiec.2021.10.021>

Manyala, D. L., & Varade, D. (2021). Formation and Characterization of Microemulsion with Novel Anionic Sodium N-lauroylsarcosinate for Personal Care. *Journal of Molecular Liquids*. 343, 117657. <https://doi.org/10.1016/j.molliq.2021.117657>

[org/10.1016/j.molliq.2021.117657](https://doi.org/10.1016/j.molliq.2021.117657)

Naik, S., & Gajjar, K. (2021). Applying and Evaluating Engagement and Application-Based Learning and Education (ENABLE): A Student-Centered Learning Pedagogy for the Course Database Management System. *Journal of Education*. 10.1177/00220574211032319

Nellaiappan, S., Jhariya, N., Irusta, S., & Singhal, A. (2021). Platinum Substituted Cobalt (II, III) Oxide: Interplay of Tetrahedral Co (II) Sites Towards Electrochemical Oxygen Evolution Activity. *Electrochimica Acta*. 365, 137234. 10.1016/j.electacta.2020.137234

Patel, D., Kavaiya, S., Ding, Z., Guan, Y., & Sun, S. (2022). Impact of Primary User Activity Statistics in Cognitive Vehicular Networks. *IEEE Transactions on Vehicular Technology*. 71(3), 2859-2873. <https://doi.org/10.1109/TVT.2021.3138253>

Patel, D., Soni, B., Ding, Z., Guan, Y., & Sun, S. (2022). On Sensing Performance of Multi-Antenna Mobile Cognitive Radio Conditioned on Primary User Activity Statistics. *IEEE Transactions on Wireless Communications*. 21(5), 3381-3394. <https://doi.org/10.1109/TWC.2021.3121130>

Rai, A., Ahmad, Z., Hasan, M., & Kim, J. (2021). A Novel Pipeline Leak Detection Technique Based on Acoustic Emission Features and Two-Sample *Kolmogorov-Smirnov Test*. *Sensors*. 21(24), 8247. <https://doi.org/10.3390/s21248247>

Rajput, G., Sirisha Janni, D., Subramanyam, G., Ray, D., Aswal, V., & Varade, D. (2022). Novel Approach for Tuning Micellar Characteristics and Rheology of a Sulfate-free Anionic Surfactant Sodium Cocoyl Glycinate. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*. 648, 129426. <https://doi.org/10.1016/j.colsurfa.2022.129426>.

Senbel, S., Sharma, S., Raval, M. S., Taber, C., Nolan, J., Artan, N. S., Ezzeddine, D., & Kaya, T. (2022). Impact of Sleep and Training on Game Performance and Injury in Division-1 Women's Basketball amidst the Pandemic. *IEEE Access*. 10, 15516-15527. 10.1109/ACCESS.2022.3145368

CONFERENCE PROCEEDINGS

Agrawal, M., Sharma, S., Nanavati, A. A., & Mukherjee, S. (2022). Study of Equities using Signed Social Network. *5th Joint International Conference on Data Science & Management of Data*, Virtual, January 7-10. 231-235.

Galiyawala, H., Raval, M. S., & Savalia, D. (2022). DSA-PR: Discrete Soft Biometric Attribute-Based Person Retrieval in Surveillance Videos. *2021 17th IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS)*, Virtual, November 16-19. 1-7.

Ghosh, M., Khuntia, S., & Dalai, S. (2021). Effect of Molar Ratio of Feed on the Facile Synthesis of Silicon Nano-Sheets from Laboratory Waste Glass. *International Symposium on Materials of the Millennium: Emerging Trends and Future Prospects (MMETFP-2021)*, Ahmedabad, India, November 19-21. 131-140.

Kavaiya, S., & Patel, D. (2021). On the Performance of an Improved Energy Detector over Shadow Fading Channels for Vehicular Networks. *IEEE 14th International Conference on COMMunication Systems & NETWORKS (COMSNETS 2022)*, Bangalore, India, January 4-8. 275-279.

Lad, A., & Raval, M. S. (2022). Improving wheat head detection: a data-centric approach by domain variance reduction. *SAC '22: Proceedings of the 37th ACM/SIGAPP Symposium on Applied Computing*, Virtual, April 25-29. 1140-1143.

Parikh, D., Vohra, S., & Kaveshgar, M. (2021). Experimental Comparison of Attitude Estimation Algorithms on Quadrotor Under Acceleration. *2021 IEEE International Symposium on Smart Electronic Systems (iSES)*, Jaipur, India, December 20-22. 123-126.

Patel, K., & Pattanayak, D. (2022). Generative Adversarial Networks: Solution for Handling Imbalanced Datasets in Computer Vision. IEEEExplore Proceedings of 2022 *International Conference for Advancement in Technology (ICONAT)*, Goa, India, January 21-22. 1-6.

Prabh, S. (2022). Event Reference Synchronization (ERS): An Event-Based IoT Clock Synchronization. *Proceedings of the 33rd IEEE Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)*, Virtual, September 12-15. 7.

Rathod, P., & Naik, S., (2022). Review on Epilepsy Detection with Explainable Artificial Intelligence. Epilepsy Detection with Explainable Artificial Intelligence. *2022 10th International Conference on Emerging Trends in Engineering and Technology - Signal and Information Processing (ICETET-SIP-22)*. Nagpur, India, April 29-30. 1-6.

Shah, M., Raval, M. S., & Divakaran, S. (2021). Deep Learning-based Emulator for 6S Atmospheric Correction Model. 2021 IEEE India Geoscience and Remote Sensing Symposium (InGARSS) Ahmedabad, India, December 6-10. 471-474.

Shah, S., Patel, D., Soni, B., López-Benítez, M., & Kavaiya, S. (2021). Impact of Mobility on the Estimation of Primary Channel Activity Statistics. *IEEE 94th Vehicular Technology Conference (VTC2021-Fall)*, Virtual, September 27-30. 1-6.

Shah, S., Raval, P., Khakhi, H., & Raval, M. S. (2021). Frequency Centric Defense Mechanisms against Adversarial Examples. *ADVM ‘21:*

Proceedings of the 1st International Workshop on Adversarial Learning for Multimedia, Chengdu, China, October 20. 62 - 67.

Singh, A., & Khuntia, S. (2022). Enhanced Generation of Hydroxyl radicals by OMS-2 catalyst for flue gas absorption, *International Symposium on Materials of the Millennium: Emerging Trends and Future Prospects (MMETFP-2021)*, Gandhinagar, India, November 19-21. 279-281.

Soni, B., Patel, D., Kavaiya, S., Hasna, M., & Lopez-Benitez, M. (2021). On Physical Layer Security of Correlated Multiantenna Cognitive Radio Receivers. *IEEE 27th National Conference on Communications (NCC-2021)*, Kanpur, India, July 27-30. 1-6.

CONFERENCE PRESENTATIONS

Agrawal, M., Sharma, S., Nanavati, A. A., & Mukherjea, S., (2022). Study of Equities using Signed Social Network. *5th Joint International Conference on Data Science & Management of Data*, Virtual, January 7-10.

Ghosh, M., Khuntia, S., & Dalai, S. (2021). Effect of Molar Ratio of Feed on the Facile Synthesis of Silicon Nano-Sheets from Laboratory Waste Glass. *International Symposium on Materials of the Millennium: Emerging Trends and Future Prospects (MMETFP-2021)*, Ahmedabad, India, November 19-21.

Kunzru, D. (2021). Structured Reactors for Process Intensification. *International Chemical Engineering Conference-2021*, Jalandhar, India, September 17-19.

Manyala, D., Sharma, A., & Varade, D. (2021). Formation and Characterization of Microemulsion with Novel Anionic Sodium N-Lauroylsarcosinate for Personal Care. *Virtual International Conference on Emerging Trends in Applied Sciences (ETAS-2021)*, Surat, India, October 28-29.

Manyala, D., Sharma, A., & Varade, D. (2021). Non-ionic IGEPAL CO-520 Mediated Formation and Characterization of Novel Microemulsions for Personal Care. *2nd Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (IC2S2TD-2021)*, Surat, India, November 24-26.

Narang, N., Ganji, M., & Nanavati, A. A., (2021). Your Tribe Decides Your Vibe: Analyzing Local Popularity in the US Patent Citation Network. Complex Networks 2021: *The 10th International Conference on Complex Networks and their Applications*, Madrid, Spain, November 30-December 2.

Parikh, D., Vohra, S., & Kaveshgar, M. (2021). Experimental Comparison of Attitude Estimation Algorithms on Quadrotor Under Acceleration. *2021 IEEE International Symposium on Smart Electronic Systems (iSES)*, Jaipur, India, December 20-22.

Singh, A., Ahmed, S., Kishore, H., Quamar, M. D., Tiwari, R., Nirala, C. K., & Singh, H. (2021). Fabrication of Shoulder Features on Tungsten Carbide FSP Tool Through EDM Process - A Feasibility Study. *International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (AFTMME 2021)*, Ropar, India, December 9-11.

INVITED LECTURES

Ahmed, S. Micro-friction Stir Welding Requisites, Behaviour and Future Challenges. International Online Conference on Materials Science and Technology (ICMT), Mahatma Gandhi University, Kerala, November 12-14, 2021.

Banker, N. Exergy Analysis in Industrial Applications. J C Bose University of Science and Technology, Faridabad, Haryana, October 25-29, 2021.

Chaudhary, S. Big Data Analytics Architecture and Application in Agriculture. Indian Society of Agricultural Information Technology with ICAR-Indian Agricultural Statistics Research Institute, Virtual January 21-22, 2022.

Chaudhary, S. Developing Big Data Analytics and Architecture. Infosys Ltd., Pune, January 12, 2022.

Dalai, S. Simulation of Cyclohexane Production from Benzene Hydrogenation Using Aspen plus v10. Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, March 7-11, 2022.

Divakaran, S. Introduction to Spatial and Temporal Data Analysis with R. Workshop on Data Science and Natural Resource Management (DSANRM2021), Virtual, December 15, 2021.

Divakaran, S. Statistics of Sequence Analysis Using BLAST. Workshop on Application of Biostatistics in Biotechnology and Pharmaceutical Sciences, L M College of Pharmacy, Ahmedabad, October 21-23, 2021.

Lakhlani, A. P. Customise the Plan for Stress Management and Emotional Intelligence. Jawahar Navodaya Vidyalaya, Virtual, August 14, 2021.

Lakhlani, A. P. Deep Action Tools to Manage the State of the Mind. Jawahar Navodaya Vidyalaya, Virtual, August 7, 2021.

Lakhlani, A. P. Goal Setting, Introduction to Stress Management and Emotional Intelligence. Jawahar Navodaya Vidyalaya, Virtual, July 24, 2021.

Lakhlani, A. P. Important aspects of Human Behavior and Cognition. IEEE Computational Intelligence Society, Gujarat Chapter, and Department of Electrical Engineering, School of Technology, Pandit Deendayal Energy University, Virtual, December 13, 2021.

Lakhlani, A. P. IoT Fundamentals and Current Research Opportunities. Rashtriya Raksha University, Virtual, November 26, 2021.

Lakhlani, A. P. Master Emotional Intelligence: ‘Deep Action Tools’ to Manage the State of the Mind. FloCareer India Pvt. Ltd., Virtual, July 26, 2021.

Lakhlani, A. P. Master Emotional Intelligence: Preparing Personalised Toolkit with ‘Quick Action Tools’ and for Time Management. FloCareer India Pvt. Ltd., Virtual, July 12, 2021.

Lakhlani, A. P. Preparing Personalised Strategies for Emotional Intelligence and Stress Management. FloCareer India Pvt. Ltd., Virtual, August 2, 2021.

Lakhlani, A. P. Quick Action Tools to Manage the State of the Mind. Jawahar Navodaya Vidyalaya, Virtual, July 31, 2021.

Patel, D. Performance Analysis of Spectrum Sensing for Network: Mathematical Modelling vs Deep Learning Framework. EC Department, Nirma University, October 16, 2021.

Patel, K. Cyber Security - Career Opportunities for Students. Navrachana Sama, Vadodara, February 6-7, 2022.

Rabari, D. Process Simulation in Petroleum Refinery Using ASPEN PLUS – A Case Study. Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, March 7, 2022.

Raval, M., & Roy, M. Deep Fake News Detection and its Impact Analysis. 13th Asia Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC 2021), Tokyo, December 14-17, 2021.

Raval, M. Advances in Deep Learning, Dharmsinh Desai University, Nadiad, March 28, 2022.

Raval, M. Adversarial Examples in DNN - Proponent and Opponent Views, IEEE Gujarat Section, Virtual, October 3, 2021.

Raval, M. AI and IOT for the Manufacturing Industry, K J Somaiya Institute of Engineering & Information Technology, Mumbai, December 16, 2021.

Raval, M. AI and Smart Cities - An Overview. Artificial Intelligence in Smart City Development: Recent Trends and Future Prospective, Virtual, March 4, 2022.

Raval, M. AI in Materials Engineering, International Symposium on Materials of the Millennium: Emerging Trends and Future Prospects. Gandhinagar, November 19-21, 2021.

Raval, M. Deep Learning in Agriculture, Adversarial Example, and Image Dehazing, CHARUSAT University, Changa, February 25, 2022.

Raval, M. Unwinding XAI, LDRP, Gandhinagar, May 9, 2022.

Singhal, A. Electrocatalysis: A Perspective on Materials, Reaction and Mechanism, IIT Gandhinagar, Gandhinagar, May 16, 2022.

Varade, D. Mixed Surfactant Applications. SVNIT Surat, Surat, January 3-7, 2022.

Varade, D. Surfactant Formulations for Personal Care Applications. SVNIT Surat, Surat, November 24-26, 2021.

RESEARCH WORKING PAPERS

Ahmed, S., Kumar, A., Nirala, C. K., & Singh, H. Effect of Induction Heating on Temperature and Force Characteristics in Rotary Friction Welding of AISI 1018 Mild Steel Rods. WP-SEAS-21-005, Ahmedabad University.

Bhalodiya, J. M., Identification of Brain Tumour MR Image biomarkers in Brain Tumour Patients using Machine Learning and Radiomics Features, WP-SEAS-21-002, Ahmedabad University.

de Jong M., Ganesan, A., Cupertino, A., & Norte, R. Mechanical Overtone Frequency Combs. WP-SEAS-21-001, Ahmedabad University and TU Delft.

Divakaran, S. Explainable Algorithms for Image Registration with Applications in Medical Imaging, Explainable AI in Healthcare WP-SEAS-22-001, Ahmedabad University.

Ganguli, A., Pandit, A., & Kunzru, D. LLE in Microchannels: A Mini Review. WP-SEAS-21-003, Ahmedabad University.

Kaveshgar, M., Patil, K., & Patel, P. (2022).Evaluating Depth Estimation Algorithms in Unstructured Driving Environments. WP-SEAS-21-002, Ahmedabad University.

Modi, U., Rai, A., & Ahmed, S. Effect of Tool's Geometry, Rotational Speed, Travel Speed and Workpiece's Layer Number on the Build Characteristics of Friction Stir Additive Manufacturing of Aluminium Alloy. WP-SEAS-21-009, Ahmedabad University.

Modi, U., Rai, A., & Ahmed, S. Prediction of Tensile Strength of Friction Stir Welds Using Artificial Intelligence. WP-SEAS-21-004, Ahmedabad University.

Patel, P., Jodhha, S., Verma, M., Saha, P., & Ahmed, S. Effects of Sheet Positioning, Tool Offset and Backing Plate Material on Temperature and Flow Characteristics in Dissimilar FSW of Al and Cu: A CFD Simulation Study. WP-SEAS-21-008, Ahmedabad University.

Singh, A., Ahmed, S., Kishore, H., Nirala, C. K., Singh, H., & Quamar, M. D. Fabrication of Featured FSP Tool by Reverse-µEDM Process and its Effect on FSP Characteristics of Cold Sprayed Inconel 718 Super Alloy. WP-SEAS-21-006, Ahmedabad University.

Thaker, S., Raj, Y., Shah, T., & Ahmed, S. Tolerance Stack-up Analysis of Toggle Mechanism for Clamping Unit of an Injection Moulding Machine. WP-SEAS-21-007, Ahmedabad University.

MOOC COURSES

Divakaran, S. CSE200: Design and Analysis of Algorithms (<https://classroom.google.com/c/NDUxNzgzMzkzMDA2>)

VIDEOS

Rabari, D. <https://www.youtube.com/channel/UC-XhXwt08Nv9qi9XP5Zj2uQ>

Naik, S. <https://www.youtube.com/channel/UCWOoM-BjelrVYdUEeMWZFYQ>

Patel, K. <https://www.youtube.com/c/SelfStudyTutorials>



AHMEDABAD DESIGN LAB

Ahmedabad Design Lab is a research, practice, and teaching space for understanding challenges facing society and finding innovative solutions to these challenges. The Lab is premised on using design as the glue to bring together systems of knowledge from multiple disciplines for problem-solving. The Lab will, in particular, work on issues faced by the city of Ahmedabad in social, economic, and governance domains, thereby helping reimagine the city to become one of the most vibrant cities in the country and the world.

Ahmedabad Design Lab will engage with the industry and other organisations primarily for their purposes, conducting programmes and workshops to deal with change by using design as the catalyst and being the facilitator to solve problems. As the first step, the Lab has initiated a Design Minor at the University. The Lab will also host the unique Capstone Projects and guide students. The objective is to advance the development of cutting-edge Design Thinking, its theories and methods, and their applications.

OUR VISION

- Create opportunities to creatively address society’s challenges in a sustainable manner.
- Bring multidisciplinary knowledge systems to bear in problem-solving.
- Support innovators and entrepreneurial enterprises and transform them into innovation-based ideas, products, services, and systems solution providers in local and international markets for sustainable economic growth.

MISSION

- Service to society: To use Ahmedabad city as a laboratory for generating new ideas and solutions in the service of society.
- Business entrepreneurship: To support enterprises, government, and nonprofits to work with the University community in finding innovative solutions.
- Teaching: Real-life problem-solving in the classroom through learning by doing and hands-on methodology, and developing a curriculum across Schools that promotes it.
- Teaching: To inspire, engage, and mentor a new generation of solution providers by offering interdisciplinary design courses.

CENTRE FOR HERITAGE MANAGEMENT

The Centre for Heritage Management fosters critical engagement with heritage along with strategic management interventions in various sectors of heritage. 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 recently organised international workshop on intangible cultural heritage and sustainable development (in partnership with UNESCO Bangkok and 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 re-shaping heritage management education as an interdisciplinary field, and has been in the executive boards of two prominent heritage-related university networks in the Asia Pacific region, namely, the Asian Academy of Heritage Management and the Asia Pacific Higher Education Network for Intangible Cultural Heritage. 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 through scholarship and project-based associations, 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.

PROGRAMMES

UNDERGRADUATE

- Minor in Heritage Studies

GRADUATE

- Master of Management Studies in Heritage Management





FACULTY ACHIEVEMENTS



NEEL KAMAL CHAPAGAIN

Director

Received a Seed Grant for Heritage Dilemma at the 15th century Walled Town of Lomanthang, Nepal: Implications of Changes in Policy and Governance Systems in Nepal in the past three decades (1992 - 2022).

Selected by UNESCO as one of 13 international facilitators to prepare a MOOC course on Living Heritage and Sustainable Development.

ADITYA PRAKASH KANTH

Assistant Professor

Awarded the ICCROM scholarship by the International Centre for the Study of the Preservation and Restoration of Cultural Property to participate in an International Summer School on Communication and Teaching Skill in Conservation Science at Athabasca University, St Albert, Canada.



WORKSHOPS

2021 International Workshop on 'Intangible Cultural Heritage and Sustainable Development'

**SEPTEMBER 27
TO OCTOBER 11, 2021**

This international workshop was hosted online on September 27-October 11, 2021, targeting young and early career heritage professionals, to sensitise them about the scope and processes of intangible cultural heritage safeguarding – particularly in relation to the Sustainable Development agenda. This was fully funded by the International Centre for Information and Networking for safeguarding Intangible Cultural Heritage (a UNESCO category 2 centre in South Korea). The main aim was to make emerging professionals aware of what UNESCO's 2003 Convention for the Safeguarding of the Intangible Cultural Heritage (ICH) convention has to offer, the cultural, social and ethical issues around ICH safeguarding, and situating this practice in the context of the broader sustainable development goals. The online workshop was designed and offered by the Centre for Heritage Management in collaboration with ICHCAP and UNESCO Bangkok. The two-week-long workshop offered a combination of lectures, seminars, discussions, exercises, and participation in the ICH World Forum 2021. The workshop was followed by an expo on November 19 and 20, 2021, and witnessed participation from Bangladesh, India, Indonesia, Italy, Korea, Nepal, Philippines, Singapore, and Thailand.

Workshop on Preservation and Conservation of Archival Materials

APRIL 16-17, 2022

A two-day workshop on Preservation and Conservation of Archival Materials was held at the Centre for Heritage Management on April 16-17, 2022. This workshop, facilitated by Aditya Prakash Kanth, Assistant Professor, was envisioned to create awareness among archivists, museum curators, conservation practitioners, students, and faculty members about the importance of preservation issues related to archival materials, factors responsible for their deterioration, and ways to conserve these sensitive materials which carry an abundance of historical and contemporary values of national and international events and relations. The materials being the source of primary evidence, the workshop stressed upon how best they can be conserved. The participants also got hands-on experience of working on original materials.

FIELD VISIT

Field Visit to Kutch including to the Dholavira World Heritage Site - A Harappan Archaeological Site

The visits to Kutch and Dholavira were part of two courses - Heritage Immersion and Indigenous Knowledge Systems. The objective was to introduce students to a rural context of understanding heritage from the ground perspectives through observations and ethnographic methods. Gandhi nu Gam (Ludiya) was the base for the immersion, from where a few villages in the area were explored. The visit to Dholavira was a transition, after which the team shifted base to Khamir in Kutch, near Bhuj. Thereon, it was primarily an Indigenous Knowledge Systems study which aimed to understand community-based knowledge and knowledge systems. Learning with farmers, weavers, pastoralists, and folk musicians and supporting organisations in the respective villages, this course helps us to understand the rich repository of knowledge and practices that have been held by these communities.

EVENTS

EVENT	SPEAKERS	DATE
Conservation Concerns in Museum Collection Management – A Glimpse from Qatar	Aristoteles Georgios Sakellariou Head of the Department Conservation at Qatar Museum, Doha	February 9, 2022
Heritage Seminar: Between conservation practice, theory and social change: Shifting lenses from other to self/us	Krupa Rajangam Heritage Scholar, Conservation Architect, Founder Director - Saythu...Linking People and Heritage	April 11, 2022
Field Experiences in Heritage Management: Insights from Masters Theses Research	Niyati Bajpai, Vasudha Saraogi, and Harsh Shah Alumni Ioannis Poullos Associate Professor	April 13, 2022
Interactions with Indigenous Communities	Bharvi Chheda and Yashi Ranjan, Alumni Neel Kamal Chapagain Associate Professor and Director	April 29, 2022
Vadnagar Conference	Ioannis Poullos Associate Professor	May 18–20, 2022
Understanding Human-Animal Interactions	Shalvi Suman and Suchita Sinha, Alumni Aditya Prakash Kanth Assistant Professor	June 4, 2022
Applying Global Frameworks in the Local Contexts	Priya Gosain and Saif Siddiqui , Alumni Neel Kamal Chapagain Associate Professor and Director	July 2, 2022

GUEST LECTURES

Sonali Ghosh, IFS, Chief Conservator of Forest (Research, Education and Working Plan) Government of Assam. *HRT623: Nature & Environmental Conservation and Management*. April 20, 2022.

Manvita Baradi, Director, Urban Management Centre, Ahmedabad. *HRT542 Heritage Law and Governance*. March 2022.

STUDENT ACHIEVEMENTS



SAMIKSHA PUROHIT

Master of Management Studies in Heritage Management

Received the INTACH Research Scholarship Award 2022-2023.



Research at the Centre for Heritage Management

STUDENT PRESENTATIONS

Desai, M. *The Port of Surat - A Maritime Morphology of Gujarat*, Vadnagar International Conference on Promoting Archaeological Heritage & Culture, Government of Gujarat in Association with the Ministry of Culture, Government of India, Gandhinagar, May, 2022.

Mehta, A. *Traditional Water Harvesting System of Maldharis of Banni Grasslands of Kutch*, Vadnagar International Conference on Promoting Archaeological Heritage & Culture, Government of Gujarat in Association with the Ministry of Culture, Government of India, Gandhinagar, May 2022.

Tated, A., & Purohit, S. *Evolving Heritage of Maritime Cultural Landscapes: A Case of Mumbai Koliwad*, International Council of Monuments and Sites India Scientific Symposium, November 2021.

Tated, A. *An Attempt to Safeguard and Promote Intangible Cultural Heritage: Experiences of an Aspiring Heritage Professional*, 2021 ICH Youth Summit, UNESCO-ICHCAP, September 2021.

BOOK CHAPTERS

Chapagain, N. K., & Joshi, J. (2022). Heritage Tourism and Sustainable Development: Prospects for a Cultural Landscapes Framework, In Gyan P. Nyaupane and Dallen J. Timothy (Eds.); *Tourism and Sustainable Development in the Himalayas: Social, Environmental, and Economic Encounters* (286-307), UK: Routledge.

JOURNAL ARTICLES

Kanth, A., & Singh, M. (2022). Spectroscopic and X-ray Based Microstructural Investigation of

the Early-Harappan Potsherds and Estimation of Firing Temperature from Kunal Archaeological Site, India. *International Journal of Conservation Science*. 13(1), 131-146. https://ijcs.ro/public/IJCS-22-10_Kant.pdf

Kanth, A., & Singh, M. (2021). Behaviour of Methylcellulose Gel at Higher Concentrations for Cleaning of Acrylic Painted Surfaces. *Journal of Science and Arts*. 4(57), 1057-1068. <https://doi.org/10.46939/J.Sci.Arts-21.4-b01>

Poulios, I., & Kamperou, E. (2022). Business Innovation in Orchestra Organizations Supported by Digital Technologies: The Orchestra Mobile Case Study. *Sustainability*. 4(57), 3715. <https://doi.org/10.3390/su14073715>

CONFERENCE PRESENTATIONS

Saraogi, V. (2022). Regeneration of Historic Neighborhoods through Market Routes – The Case of Ahmedabad. *Vadnagar International Conference on Promoting Archaeological Heritage & Culture*, Government of Gujarat in Association with the Ministry of Culture, Government of India, Gandhinagar, India, May 18-22.

Poulios, I. (2022). Narrowing the Gap Between Heritage and Business: Museums as a Customer Experience. *Vadnagar International Conference on Promoting Archaeological Heritage & Culture*, Archaeology and Museums Department of Gujarat Government, Gandhinagar, India, May 19.

INVITED LECTURES

Chapagain, N. K. Heritage Discourses and Challenges/Responsibilities. Faculty Development Programme on Protection and Management of Indian Heritage Assets: Key Aspects

and Challenges, Mizoram University, Virtual, November 8-12, 2021.

Chapagain, N. K. Heritage Discourses: Challenges and Opportunities. Heritage Week 2021, Asiatic Society for Social Science Research, Centre for History and Archaeology, Virtual, November 25, 2021.

Chapagain, N. K. Thinking Through Nuances in Decolonizing Heritage. Heritages Placemaking: The Politics of Solidarity and Erasure in South Asia, Virtual, December 13, 2021.

Kanth, A. Engaging Community in Local Heritage Programme. Regional Conservation Laboratory, Mysore, October 1, 2021.

Kanth, A. Management Guidelines for Cultural Heritage Sites. St. Joseph's College, Tiruchirappalli, Tamilnadu & AICTE Training and Learning Academy, August 25, 2021.

Kanth, A. Preserving Heritage Resources for Posterity - Challenges and Strategies. St. Joseph's College, Tiruchirappalli, Tamilnadu & AICTE Training and Learning Academy, August 24, 2021.

Kanth, A. Sustainable Heritage Management. Regional Conservation Laboratory, Mysore, September 27, 2021.

MOOC COURSES

Andrade, M. B. S., Chapagain, N. K., Deacon, H., De Oliveira, P. T., Dos Santos, R. L., Encalada, N., Goswami, R., Amescua Chavez, C., Jacobs, M., Prins Solani, D., Skounti, A., & YAU, A. W. Y., Living Heritage and Sustainable Development, UNESCO and SDG Academy. <https://www.edx.org/course/living-heritage-and-sustainable-development> (2022).

Chapagain, N. K., & Young, J., UNESCO and Think City, Sustainable Heritage Management Master Class: Building a Legacy, UNESCO and Think City Institute. <https://thinkcityinstitute.org/sustainable-heritage-masterclass/legacy/> (2022).





CENTRE FOR LEARNING FUTURES

The Centre for Learning Futures designs and implements initiatives to support teaching and learning in the University. The Centre offers courses in academic reading and writing, and workshops in study skills. It also offers, through its Learning Initiatives, opportunities for curricular experimentation and pedagogic innovation as also platforms for integrating learner-centric technological solutions in higher education.

SEMESTER END EXPO

Semester End exhibitions present an opportunity to students and faculty to display the output from their courses. Each Semester, students from across the University display posters, photographs, performances, 3-D models, working prototypes, coffee table books, computer applications, and presentations.

In the past year, the Semester End Expos were held on November 24, 2021, and April 23, 2022, for over 50 different courses with 120 project outcomes on exhibit.

Displays were presented on November 24, 2021, and April 23, 2022. There were over 50 different courses and 120 different project outcomes on exhibit.

PEDAGOGY

Ahmedabad University has evolved a unique framework to facilitate learning by engaging with the context and environment and applying these concepts in real-world problems. Students are empowered to learn on their own through various techniques such as Project Based Learning, Flipped Classroom, Discovery Based Method, and more, where the faculty act as facilitators. Over the last year, there has been a three-fold increase in courses designed using this Engagement and Application Based Learning and Education (ENABLE) pedagogy.

In the academic year 2021-22, 82 ENABLE courses were offered over two semesters with 2953 students participating.

ENABLE courses for 2021-22 included:

Formal Logic	Artificial Intelligence	Laboratory Physics - Electromagnetism
City as Text	Data Analytics and Visualisation	Research Project
Analysing Corporate Annual Report	Cloud Computing	Health Psychology
Heritage and Business: Designing Heritage Experiences	Embedded Systems Design	Introduction to Research Methodology
People Practices and Decision Making	Internet of Things	Power in Movement: Expressing the History of Social Movements in India
Dark Side of Organisation	Machine Vision, Learning and Applications	Conversational Japanese - I
People analytics	Solar Thermal Energy	Conversational Japanese - II
Marketing of High Technology Products	Thermodynamics - II	Introduction to Quantum Computing
Marketing Research	Computational Fluid Dynamics	Laboratory Physics - Optics
Simulation Modelling	Surfactant Science & nanotechnology	Sensation and Perception
Analytics Lab	Human Computer Interaction	Thought Experiments - Posthuman Prospects
Digital Humanities	Social Network Analysis	Janavak: Voice of the People (Folk traditions of India)
Idea to Business Plan	High Speed Computer Architecture	Theatre and Society
CityLab	Computer Vision	Introduction to Performance and Interpretation
Environment and Sustainability	Introduction to Blockchain: Technologies, Approaches and Applications	Introduction to Painting
Financing for Startups	Digital Image Processing	Visual Arts and People
Living Heritage Approach and Sustainable Development	Electronics and Magnetic Circuits and Devices	The Art of Storytelling and Performance
Strategy for Management of Cultural Organisations in a Changing World	Electronics Workshop	Introduction to Research Methodology
Cooperative Strategy and Ecosystems	Nonlinear Dynamics	Gender and Work
Pharmaceutical Industry and Healthcare Sector: Challenges and Opportunities	Evolutionary Biology	State and Society
Business to Business Marketing	Introduction to Critical Thinking and Academic Writing	Government Secrecy and intelligence Studies
Marketing Analytics	Musical Traditions of India - An Introduction	Climate Change and Society
Process Design and Economics	Introduction to Western Philosophy	Within the World of Cities
Process Simulation	Foundation Seminar	Inside Indian Music
Pollution Control	Philosophy of Culture	Culturing the Voice

Learning Coalition

Our collaborative workshop, Learning Coalition, advances the practice of project-based learning and experiential learning courses. The objective of the Learning Coalition is to organise a series of workshops covering aspects of teaching and learning (e.g. outlining learning objectives in a course) that need attention, discussion, and information.

This year the following Learning Coalitions were organised for our faculty from all Schools.

Alok Shukla, Assistant Professor, Learning Coalition on Webwork, September 7, 2021.

Pooja Thomas, Professor, MICA, Learning Coalition on 'Difficult Conversations- What I Learnt in My Classroom', October 6, 2021.

Independent Study Period

Students often have diverse passions but no means to explore them, especially if it is not related to their specialisations. The Independent Study Period (ISP) at Ahmedabad University offers them a chance to explore these and go beyond the classroom, making their academic learning truly interdisciplinary and their conceptual understanding more experiential.

The Independent Study Period is the epitome of active learning which translates well into a face-to-face studio setting. ISP 2021 was delivered in-person.

Number of students registered - 302
Course Credits - 2, 3
Number of courses offered - 16

3D Printing/Additive Manufacturing for Multidisciplinary Applications	Creating Impactful Short Films	How to Write a Film Script...and Tell a Story
A Brave New World: Exploring the Realm of Science Fiction	A Quill in your Cap - Creative Writing	Making Health Contagious: Games for Health Promotion
Biomimicry - Think like 3.8 billion years of evolution! (Nature integrated design thinking and living)	Cyber Security	Mathematics of Music
Clues 'The Truth Finder' Solving the Crime	Design Thinking, Designing Thinking	Networks and Behaviour
	Indirect by Design	Trees of Life
	Every Slice has Two Sides	Underwater Robot Development

Bridge Course

The Bridge Course for Communication, to bridge the gap between English studied at the school level and the basic level required for the University, was administered to 522 students after they went through the General Skills Assessment test. The communication placement test was undertaken by 1014 students.

Apart from a series of written exercises, the students also go through a reading test which gauges their current level of reading mastery. Based on that, they choose a book from a list of prescribed books, read it over the summer, and submit a review of it when they join. 425 students participated in the Book Review exercise.

Communication Support for Staff

The Centre supported staff training in communication by conducting a skills assessment and either administering a Bridge Course or asking for a book review. 88 staff participated in the assessment. The Bridge Course was completed by 34 members.

Hybrid Classroom Feedback

15 faculty members teaching 20 courses participated in the one-on-one consultations this academic year. They made significant modifications to their Teaching Practices and pedagogy in accordance with the ENABLE design.

New Faculty Programme

A New Faculty Orientation Programme was organised on August 8-11, 2021. It was an opportunity for us to orient and induct the new faculty to our academic world and the opportunities it holds for all of them. A total of 25 new faculty members across Schools attended the workshops which were spread over four days. Over 15 sessions were conducted by 20 peer facilitators.

Teaching Assistants Training Programme

A two-day orientation programme for the incoming batch of Teaching Assistants (TAs) was conducted on August 12 and 13, 2021. A series of workshops was done remotely on Zoom including one on How to manage a classroom and a session on the Library and LMS. In addition to this, a one-on-one meeting of the TAs was organised with their respective faculty for area-specific training. A total of 40 TAs attended the workshops across two days. Several sessions were conducted by 30 facilitators.

A TA Training Handbook was developed by the Centre for the same.

Writers' Studio

Writers' Studio is an initiative to give detailed and personalised feedback on students' writing by trained professionals in journalism, communications, and management. The Studio also helps faculty members in their research writing by providing feedback on their writing. The Centre has a team of five professionals with experience in professional, journalistic, and freelance writing who reviewed drafts of research papers and provided feedback to both students and teachers.

Olin Summer Institute 2022

Every year in June, the Olin College of Engineering conducts a weeklong interactive workshop for educators around the world with the opportunity to conceive and catalyse change in education. This year the nominees from Ahmedabad University were:

Alok Shukla

Assistant Professor
School of Arts and Sciences

Nithin George

Assistant Professor
School of Arts and Sciences

Charu Singh

Assistant Professor
School of Arts and Sciences

Jayendra Bhalodia

Assistant Professor
School of Engineering and Applied Science

Adarsh Ganesan

Assistant Professor
School of Engineering and Applied Science

Maryam Kaveshgar

Assistant Professor
School of Engineering and Applied Science

Jatin Christie

Senior Lecturer
Amrut Mody School of Management

Amrita Bihani

Assistant Professor
Amrut Mody School of Management

Nimit Thaker

Lecturer
Amrut Mody School of Management

PG Diploma in Literary Translation

Ahmedabad University signed a Memorandum of Understanding with the JCB Literature Foundation to develop a literary translator training initiative. The PG Diploma in Literary Translation is a unique translator training programme aimed at honing the skills of translators who work in the interface of Indian languages and English. Countrywide, 21 students from various professions and disciplines were admitted to the Programme with 12 receiving full fellowships and 9 receiving bursaries. They represent languages as diverse as Tamil, Bengali, Kannada, Telugu, Urdu, Hindi, Gujarati, Malayalam, and Marathi.

Language Lab

Language Lab focuses on the listening, speaking, reading, and writing skills of the students. This is an activity-based course with the course material mainly being in the audio and visual format.

Intake of students in Monsoon semester - 411
Intake of students in Winter semester - 375



Digital Curve

The Centre announced a new initiative, Digital Curve, to harness the power of digital technology to transform knowledge production in the disciplines. The initiative has developed two new courses, COM212 Digital Humanities and DES232 Digital Experience Design, which focus on developing digital knowledge artefacts. The Digital Curve has also formalised an arrangement with Navjivan Trust, Ahmedabad, where a group of five students work as an ongoing activity with the development team to design and implement a search tool for their digital archives and to increase the multimedia web-presence of these archives.

The Centre's Digital Humanities Fellow and Analyst, Pritha Roy, attended the following events:

- Guided project by Cambridge Digital Humanities, the International Image Interoperability Framework School, April 25-29, 2022,
- Digital Humanities Summer Institute 2022 from June 6-10, 2022.
- Archives, Ethics and Law Workshop by the National Centre for Biological Sciences and the International Council on Archives, March 28-31, 2022.

Online Programmes

The Centre offered three micro-credential courses during the Winter of 2022. A total of 79 students from across the country completed these courses.

Singing Kabir

Bindhumalini Narayanaswamy

Creative Writing: Personal Essay

Nisha Susan

How to write about Food

Shalini Krishnan and Anumitra Ghosh Dastidar

CENTRE FOR INTER-ASIAN RESEARCH

The Centre for Inter-Asian Research aims to bring together scholars and practitioners to work towards reimagining cultural, political and economic structures across the continent. It plans to focus on collaborative research projects across India and Asia, as well as interdisciplinary research and teaching across the Schools at Ahmedabad University.

The Centre aims to:

- Put forward simple and innovative ideas about region and neighbourhood;
- Promote interdisciplinary work that will foreground new axes of connection, past and present;
- Set up flexible platforms and partnerships between scholars and practitioners in the inter-Asia region.
- Build a knowledge base in India to understand and advance our relationship with other Asian societies.

By these means, the Centre will support the development of forms of knowledge relevant to the 21st century, to provide insights into the forms of life that are taking shape in this populous region. Below is a report covering the period from the Centre's inception till June 2022.



Research at the Centre

Digital Intimacy: Young Women and Social Transformation in Asia

This is an ongoing multi-sited research project which looks at college-going women in Bangalore, Singapore, Hong Kong, and Guangzhou to understand how their lives in these aspiring 'smart' cities are being shaped by the phenomenal growth of digital technology use in Asia in the past 10 years. It aims to throw new light on emerging practices of digital intimacy, with specific reference to how young, college-going women cultivate digital personae of their selves, and how such personae forge new ways of negotiating and navigating courtship/marriage, kinship/family, and tertiary education.

As an effort to expand the discussion on digital intimacy beyond the actual research project, the Centre proposed a series of online mini-symposia where scholars from different countries presented their own work on related topics. Along with the Centre for Cultural Research and Development, Lingnan University, Hong Kong, the Centre has co-hosted six mini-symposia:

YOUNG WOMEN & SOCIAL TRANSFORMATION IN ASIA I MINI SYMPOSIUM 1

JANUARY 13, 2022

Making Room for (Inter) Personal Intimacy in the Digital Age

Sonia Wong

Founder, Women's Festival
Lecturer, Gender Studies
Chinese University of Hong Kong

Her Private Life

Paromita Vohra

Filmmaker/Founder
Creative Director
Agents of ISHQ, Mumbai

YOUNG WOMEN & SOCIAL TRANSFORMATION IN ASIA I MINI SYMPOSIUM 2

FEBRUARY 9, 2022

Virtual Refuge to Assertion

Dhiren Borisa

Dalit Queer Activist/ Poet/
Urban Sexual Geographer
Assistant Professor
Jindal Law School

Gender Politics of Dating Apps in Urban China

Lik Sam Chan

Assistant Professor
School of Journalism and Communication
Chinese University of Hong Kong

YOUNG WOMEN & SOCIAL TRANSFORMATION IN ASIA I MINI SYMPOSIUM 3

MARCH 10, 2022

Strategic Identities: Chinese and Hong Kong Queer Women's Self-Presentation on Lesbian Dating Apps

Carman Fung

Lecturer
Simon Fraser University

Intimacy and Internet Regulation

Smita V

Project Coordinator
Women's Rights Programme

YOUNG WOMEN & SOCIAL TRANSFORMATION IN ASIA I MINI SYMPOSIUM 4

APRIL 14, 2022

Feminists as Prosumers on Chinese Social Media

Li Sipan

Feminist Activist / Journalist
Associate Professor
The Cheung Kong School of Journalism and Communication
Shantou University

A Short History of a Digital Intimacy Junkie

Nisha Susan

Writer/Editor/Co-Founder
The Ladies Finger and Grist Media

YOUNG WOMEN & SOCIAL TRANSFORMATION IN ASIA I MINI SYMPOSIUM 5

MAY 12, 2022

The Usefulness of Ambiguity

Hua Su

Lecturer
School of Journalism and Communication
Beijing Language and Culture University

Digital Dilettante and the Creation of Romance

Nimmi Rangaswamy

Professor
Kohli Centre on Intelligent Systems
Indian Institute of Information Technology, Hyderabad
Adjunct Professor
IIT Hyderabad

YOUNG WOMEN & SOCIAL TRANSFORMATION IN ASIA I MINI SYMPOSIUM 6

JUNE 22, 2022

Contentious Politics: Digital Media and Transnational Feminist Activism

Sara Liao

Media Scholar, Feminist
Assistant Professor of Media Studies
Bellisario College of Communications
Affiliated Faculty
WGSS and Asian Studies
Researcher
Author of Fashioning China (Pluto, 2020)

Pink and Yellow Ribbons

Ruepert Jiel Dionisio Cao

PhD Candidate
School of Communication and Film
Hong Kong Baptist University

Besides, two internal research method workshops for the project team on October 4-5, 2021 and December 5-6, 2021 were also conducted.



Re-Orienting Taste: Eating and Healing in Indian and Chinese Medicine

The Centre launched the Re-Orienting Taste Project with an aim to explore the similarities between the philosophies of Ayurveda and Traditional Chinese Medicine (TCM) and their influence on the culinary traditions of the region. It seeks to initiate a dialogue between Indian and Chinese medical systems with food as the anchor. A two-day in-person workshop was conducted in September 2021 to mark the beginning of this project, anchored by the Edible Archives Project, Goa. This team travelled to China in 2019 and engaged in culinary conversations with chefs in Suzhou and Shanghai.

From October 2021 to January 2022, the Centre organised five online discussions between Edible Archives, an Ayurvedic doctor from Chennai, and a TCM doctor from Hong Kong. Two organic farmers also joined this discussion, which took forward the inquiry into Indian and Chinese food systems in their inter-relationships with indigenous medical systems.

Re-Orienting: Food and Medicine #1: <https://youtu.be/zEfsuXN5wkl>

Re-Orienting: Food and Medicine #2: <https://youtu.be/uwywt-j-VcE>

Re-Orienting: Food and Medicine #3: <https://youtu.be/4zklcyk8XeU>

Re-Orienting: Food and Medicine #4: <https://youtu.be/rnPdqWE2HA>

Re-Orienting: Food and Medicine #5: <https://youtu.be/YmnjHkBlcJc>



Music across the Waters: The Saath-Saath Project

- Premiere of the documentary film *Movement Traces: Indian-Chinese Musical Crossings*, August 23-27, 2021.
- Film Discussion: Tejaswini Niranjana and Surabhi Sharma, August 26, 2021. Hosted online by Bangalore International Centre.
- Release of CD albums - *Re/Semblance: Saath Saath Shanghai*, and *Re/Semblance: Saath-Saath Hong Kong*, November 19, 2021.



Knowledge Platforms

Futures of Mobility

This is a research network at the Centre that brings together faculty from the University of Melbourne, Lingnan University, Indian Institute of Management Ahmedabad, Hong Kong University Space, New York University Abu Dhabi, and the National University of Singapore.

The network convened an Internal Seminar on June 3, 2022, where its members explored each other's writings in depth. The presentations included:

- **Iting Chen**, Cross-Straits Intimacy
- **Suchismita Das**, Assembling Diversity
- **Sylvia Ang**, The Myth of Migrant Transience
- **Fran Martin**, Dreams of Flight
- **Surabhi Sharma**, Movement Traces: Indian-Chinese Musical Crossings
- **Tejaswini Niranjana**, Indian Nationalism and Female Sexuality
- **Vickie Zhang**, Drum Village Primary School
- **Chinmay Tumbe**, The Rise of the NRI

The network hosted a two-day workshop on June 23-24 convened by Leya Mathew to curate a comparative perspective on educational mobility in Asia. Panellists considered the mobility desires, migration infrastructures, and conflictual becomings that situate and animate youth and their families. How do gendered people embedded in allegedly 'traditional' family and community ties make and unmake themselves, places, 'others', and the relationships between these? How are educational mobilities emergent in contemporary political-economic formations similar to and different from earlier flows and frictions, and what are the implications for the region?

- **Kukuczka, Anne**. Embodied Life Trajectories – Tibetan Women's Aspirations and Spatial Practices of Self-making between Neidi and the TAR
- **Singh, Renu**. The Practice of Everyday: Hostels as Spaces of Friendship and Care Network in Allahabad, India
- **Jeffrey, Craig and Dyson, Jane**. Degrees of Freedom: Women and Higher Education in the High Himalayas
- **Zhang, Michelle**. Buying Time: How Chinese International Students Sought Opportunities for Happenstance During the COVID-19 Pandemic
- **Mathew, Leya**. Designing Mobility: Producing the Centre in the Periphery (India)
- **Ortiga, Yasmin**. Unlikely Faces in Unlikely Places: Student Migration to the Periphery (Philippines)
- **Sier, Willy**. Gendering Educational Mobility: Making Wives and Mothers in China
- **Garber, Jessica**. Moving to the City: Perceptions of How "Rural" University Migrants Navigate Higher Education in Phnom Penh

Asian Cultural Research

India and Iran have been connected across the centuries in myriad ways, being part of the same physical and imaginative geography before the emergence of modern nation-states. This webinar series hosted by the Centre for Inter-Asian Research, Ahmedabad University and Mardomnameh Cultural History Journal, Tehran, Iran, looks at these interconnections to configure new objects of enquiry for comparative research in Asia. The first two in this series are listed below.

- **Ashish Rajadhyaksha and Claire Cooley**, Discussing Cinema in India and Iran, May 26, 2022.
- **Pouya Nekouei and Tejaswini Niranjana**, Discussing Music and Listening in India and Iran, June 17, 2022.

Institutional Collaborations

China and Regional Studies Webinar Series 2022

Lingnan University, Hong Kong, and the Centre for Inter-Asian Research jointly organised a webinar series on China and Regional Studies. The series taps into the topical nature of China and India relations and the experiences of the two countries in key areas that can be fruitfully compared. The webinars seek to disseminate and explore the intellectual potential of research fields for future collaboration. So far, the Centre has co-hosted four webinars in this series. The topics included youth aspirations, urban development, cultural practice, and the political economy of gender.

YOUTH ASPIRATIONS

JANUARY 3, 2022

Harnessing Traditional Skills and Community Bonds in Gujarat

Mona Mehta

Associate Professor
School of Arts and Sciences
Ahmedabad University

Tackling the Dispiriting Mismatch between Graduate Numbers and Employment Opportunities

Xiong Weiyan

Research Assistant Professor
Lingnan University

WORK AND LABOUR STUDIES

APRIL 28, 2022

Confronting Global Infrastructural Capitalism: The Triple Logic of the 'Vanguard' and Spatial and Class Contradictions in China's High-speed Rail Program

Professor Pun Ngai

Chair Professor and Head
Department of Cultural Studies
Lingnan University, Hong Kong

ISSUES IN URBAN STUDIES

FEBRUARY 7, 2022

Urban Issues in India

Darshini Mahadevia

Associate Dean, Arts
School of Arts and Sciences
Ahmedabad University

Subdivided Flats as Vertical Slums in Hong Kong

Simon Yau Yung

Professor of Urban Studies
Department of Sociology and
Social Policy
Lingnan University, Hong Kong

CULTURAL COLLABORATIONS BETWEEN INDIA AND CHINA

MARCH 7, 2022

Tejaswini Niranjana

Director
Centre for Inter-Asian Research
Ahmedabad University

Ip Kim Ho

Head
Wong Bing Lai Music and
Performing Arts Unit
Professor of Practice
Lingnan University

Research Training Workshop

Organised by the Centre for Cultural Research and Development, Lingnan University; The University of California Humanities Research Institute; and the Centre for Inter-Asian Research, Ahmedabad University, on November 19-20, 2021.

- **Tejaswini Niranjana**, Caste-ing Race/Race-ing Caste
- **Maya Ratnam**, Racism(s) by Other Means
- **David Theo Goldberg**, Structures of Colorblindness
- **Roberto Castillo**, Triangulating Whiteness in Africa-China Popular Media and Geopolitics
- **Lisa Leung Yuk-ming**, 'No South Asian Riders Please': Politics of Visibilization in Platformed Food Delivery Work during COVID in Hong Kong
- **Ackbar Abbas**, Racism(s) by Other Means

Keynote

Tokyo Geidai AAI Annual 2021 Crosstalk Symposium: Toward a New Platform for Creative Asia

This symposium presented by Tokyo University of the Arts explored new forms of connections (platforms) in "Creative Asia", including universities, museums, art centres, and various other platforms that connect and build Arts and Culture. In Asia, where the political and social situation is changing and globalisation is taking hold, what are the new 'platforms' that will be required in the future, in the age of with/after pandemics? What can universities do to encourage artists and researchers? Centre Director Tejaswini Niranjana delivered one of the two keynotes at this online symposium.



GLOBAL CENTRE FOR ENVIRONMENT AND ENERGY

The Global Centre for Environment and Energy at Ahmedabad University 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 decent jobs. The Centre supports academic programmes across the University and leads and participates in research, outreach, and engagement activities globally and in the country.

The Centre hosts the Technical Support Unit of the Mitigation Working Group of the Intergovernmental Panel on Climate Change (IPCC) in partnership with the Centre for Environmental Policy, Imperial College London. IPCC is the United Nations body for assessing the science related to climate change, and provides regular assessments of the scientific basis of climate change, its impacts and future risks, and options for adaptation and mitigation.

Members of the Centre have worked with climate experts globally from over 60 countries and co-authored key IPCC Reports on Global Warming of 1.5°C, Climate Change and Land, and the recent Sixth Assessment Report. Our collaboration on IPCC assessments provides governments, at all levels, with scientific information that they can use to develop and meet their climate policies and pledges. IPCC assessments are a key input into the international negotiations to address climate change and significantly influence the private sector, public initiatives, and the scientific community.

The South Asia Hub of the Urban Climate Change Research Network (UCCRN) is set up at Ahmedabad University in collaboration with Earth Institute, Columbia University. UCCRN leads an ongoing, sustainable global city-focused climate change knowledge assessment and solutions programme. The Network is a consortium of over 800 individuals dedicated to analysing climate change mitigation and adaptation from an urban perspective. It leads an ongoing, sustained global city-focused climate change knowledge assessment and solutions programme.

At Ahmedabad University, Climate and Sustainability has become an interesting rallying domain that brings business, engineering, and arts and sciences students into the same classroom. This is a big win for the University and also has a wider impact through changing the nature of education and learning. More importantly, this has transformed the perspective of business students to think and act on grand challenges.

Members at the Centre lead and participate in several global and local outreach events and global initiatives on communicating climate change. The Centre is now recognised among leading research centres in India on climate change research and action.

PROGRAMMES

UNDERGRADUATE

- Minor in Environment and Sustainability

DOCTORAL

- PhD in Management (Climate Change/Energy/Environment)



Highlights

- Faculty members at the Centre led the development of the IPCC Working Group III report, Climate Change 2022: Mitigation of climate change. The report was produced in collaboration with 278 authors from 65 countries. The Summary for Policymakers of the report was approved in April 2022, by 195 member governments of the IPCC.
- Ahmedabad University ranks among the top 10 Indian Universities for Climate Action based on the TIMES Higher Education Impact Ranking (2021).
- Faculty members continue to publish research in high-impact journals, including Nature, Nature Climate Change, Nature Sustainability, Nature Communications, and Energy Policy.
- The Centre, in partnership with St Andrews University, Scotland, received research funding from the Royal Society of Edinburgh to investigate new approaches to managing vulnerable coastal wetland habitats in India.

FACULTY ACHIEVEMENTS



PRIYADARSHI SHUKLA

Distinguished Professor and Chair, Global Centre for Environment and Energy

Featured in the World's Top 2% Scientists list for 2021 by Stanford University.

WORKSHOPS

COVID 19, Climate change and cities: Learnings from the Pandemic, Global Centre for Environment and Energy, Urban Climate Change Research Network and European Union International Urban and Regional Cooperation, October 27, 2021.

GUEST LECTURES

Siddharth Joshi, University College Cork, Ireland, 'Global Potential of Solar Rooftop', June 14, 2022.

KEY GRANTS

Research sub-agreement between Imperial College London, United Kingdom, and Ahmedabad University, India

Imperial College, London
Minal Pathak

Assessment Report Six Intergovernmental Panel on Climate Change

World Meteorological Organisation, Geneva
Priyadarshi Shukla

Funding for data collection related to climate change, energy and environment

Mizuho Research and Information Centre, Japan
Priyadarshi Shukla

Newton Bhabha Researchers Link Workshop

Funded by British Council, United Kingdom and supported by Department of Biotechnology, Ministry of Science & Technology, Government of India, India
Minal Pathak

Opportunities for Climate Mitigation and Sustainable Development (OPTIMISM)

Natural Environment Research Council, United Kingdom and supported by Department of Biotechnology, Ministry of Science & Technology, Government of India, India.
Minal Pathak and Darshini Mahadevia

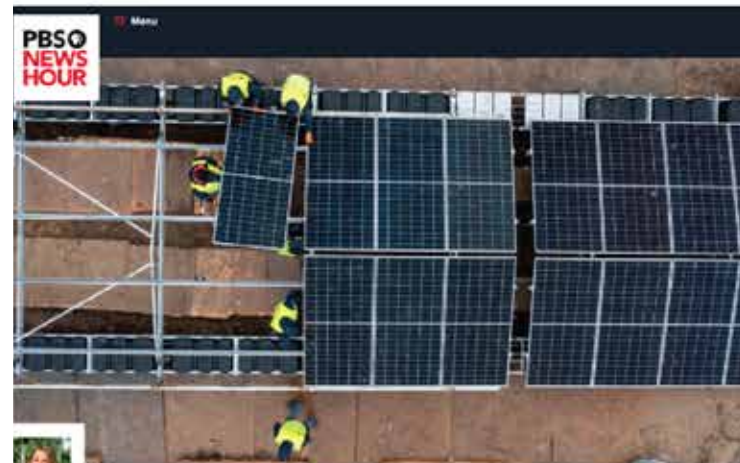
Fully funded field-based workshop at Indian Sunderbans and selected as Early Career Researchers for the Newton Bhabha Researchers (British Council) Link Workshop 2020

West Bengal State University and New Castle University
Shrutika Parihar



India most cost-effective globally in rooftop solar power: Report

Due to the lower cost, rooftop solar photovoltaics (RTSPV) technology, such as roof-mounted solar panels used in homes, and commercial and industrial buildings, is currently the fastest deployable energy generation technology. This, according to this global study, is projected to fulfil up to 49 per cent of the global electricity demand by 2050.



Research at Global Centre for Environment and Energy

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CONFERENCE PRESENTATIONS

Cremin, E., Parihar, S., Bisht, T., Gopalakrishna, T. (2022). Land Use and Management and Interactions with Mangroves. *Building Ecological Resilience in Vulnerable Mangroves of the Indian Sundarbans: Sustainable and Equitable Management of Biodiversity and Ecosystem Services in the era of Climate Change, Early Career Researchers for the Newton Bhabha Researchers (British Council) Link Workshop 2020*, State University and New Castle University, West Bengal, India, January 13.

Jadav, P. (2021). Impact of Passive Design Techniques on Building Performance in Improving Thermal Comfort in a Hot and Dry Climate. *International Conference on 'Future is Urban'*, Nirma University, Ahmedabad,

India, December 16 – 18.

Jadav, P. (2021). Social Acceptability of High Rise Living in India – A case of Ahmedabad City. *International Conference on 'Future is Urban'*, Ahmedabad, India, December 16 – 18.

Joshi, C. (2021). Smart and Sustainable Cities. Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, India, December 17 – 18.

Parihar, S., Mussio, I., Hejnowicz, A., Rani Varghese, R., Cremin. (2022). How do we map SDGs onto the Landscape?: Parameterise Pathways of Change and SEM Components. Metrics, Indicators, Monitoring tools. *Building Ecological Resilience in Vulnerable Mangroves of the Indian Sundarbans: Sustainable and Equitable Management of Biodiversity and Ecosystem Services in the era of Climate Change, Early Career Researchers for the Newton Bhabha Researchers (British Council) Link Workshop 2020*, State University and New Castle University, West Bengal, India, January 13.

Some, S. (2021). Demand-side Climate Mitigation options and SDGs. *Global Sustainable Futures Network (GSFN) Conference 2021*, Virtual, December 10.

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Some, S. (2021). Marginal Abatement Cost for Methane Emission Reduction: Case of Paddy Cultivation in India. *5th Conference of Econometric Models of Climate Change*, Victoria, BC, Canada, August 26-27.

Some, S. (2021). Mitigation Through Food Waste Reduction and Dietary Choice: Scope for

Avoid-Shift-Improve and Links to Sustainable Development Goals. *9th Annual International Conference on Sustainable Development by the Global Association of the Master's in Development Practice Programs in partnership with the Sustainable Development Solutions Network (SDSN)*, Virtual, September 20-21.

Some, S. (2021). Sustainable Agricultural Practices and SDGs Linkages: Case of India. *CLIMATE FRINGE 2021: SDGs, Climate Change & Global Sustainable Futures*, Virtual, September 24.

Some, S. (2021). Synergies Between Climate Change Mitigation Options and Sustainable Development Goals: Evidence from Indian Cropland-based Agriculture, *11th Indian Society for Ecological Economics International Conference*, New Delhi, India, December 15-17.

INVITED LECTURES

Pathak, M. Bridging Science in ActioN. Paris, France, June 1, 2022.

Pathak, M. Climate Change and Health: What the IPCC says about Health, and Why it is Important for COP27. HCN Network, Virtual, May 30, 2022.

Pathak, M. Dream Conversation on Cities and the Anthropocene. Global Urban History Project, Virtual, December 16, 2021.

Pathak, M. Innovate4cities Conference. UN-Habitat and Global Covenant of Mayors, Virtual, October 11-15, 2021.

Pathak, M. Messaging Climate Change. Chicago Dialogues, Virtual, December 18, 2021.

Pathak, M. Mitigation of Climate Change and Sustainable Development. Bonn Climate Change Conference, UNFCCC, Virtual, June 6-16, 2022.

Shukla, P. Mitigation of Climate Change: The IPCC AR6 Cycle and Framework for National Scenario: A case of India. The 27th AIM International Workshop, National Institute for Environmental Studies, Virtual, September 30 – October 1, 2021.

Shukla, P. Role of Asia-Pacific Integrated Model (AIM) for Long Term Strategy. AIM/LoCARNet side-event, Japan Pavilion at Conference of Parties (COP26), Glasgow, UK, November 11-12, 2021.

Some, S. INCENDO 2021. Sir Syed Institute for Technical Studies, Kerala, India, November 14-16, 2021.

Some, S. Strengthen your Literature Review with Systematic Search, 2021. Bangabandhu Chair Dialogue: 2021, Virtual, February 13, 2021.

IPCC BOOK

Shukla, P. R., Skea, J., Slade, R., Khourdajie, A., Al., Diemen, R., V., McCollum, D., Pathak, M., Some, S., Vyas, P., Fradera, R., Belkacemi, M., Hasija, A., Lisboa, G., Luz, S., Malley, J. (2022). *Climate Change 2022: Mitigation of Climate Change.* Contribution of Working Group III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press. In press.

Shukla, P. R., Skea, J., Slade, R., Khourdajie, A., Al., Diemen, R. V., McCollum, D., Pathak, M., Some, S., Vyas, P., Fradera, R., Belkacemi, M., Hasija, A., Lisboa, G., Luz, S., Malley, J. (2022). *Summary for Policymakers In Climate Change 2022: Mitigation of Climate Change.*

Contribution of Working Group III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press. In press.

Pathak, M., Slade, R., Pichs-Madruga, R., Ürge-Vorsatz, R., D., Shukla, P., R., Skea, J., (2022). *Technical Summary In Shukla, P., R., Skea, J., Slade, R., Khourdajie, A., Al., Diemen, R., V., McCollum, D., Pathak, M., Some, S., Vyas, P., Fradera, R., Belkacemi, M., Hasija, A., Lisboa, G., Luz, S., Malley, J. (Eds).* *Climate Change 2022: Mitigation of Climate Change.* Contribution of Working Group III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press. In press.

INTERNATIONAL CENTRE FOR SPACE AND COSMOLOGY

The International Centre for Space and Cosmology is a new initiative that will drive cutting-edge research in the areas of Space, Astrophysics, and Cosmology, train the next generation of researchers, and advance public understanding of this very exciting domain of Physics. It will also reach out to young students to encourage them to consider a research career in Space and Cosmology, and provide them with information regarding opportunities in these areas. While anchored at Ahmedabad University's School of Arts and Sciences, it will work in collaboration with colleagues nationally and internationally with related interests.

The launch of the new Centre in May 2022, coincided with observations by the Event Horizon Telescope of the highly compact and dense object at the centre of the Milky Way galaxy. Using an array of networked radio telescopes around the globe, an image was obtained showing the ultracompact object at the centre of our galaxy. The JMN (Joshi-Malafarina-Narayan) naked singularity model proposed and published in 2011 by Pankaj Joshi, Director, International Centre for Space and Cosmology, and colleagues contributed to the modelling that underlies this discovery.

OBJECTIVES

The world over, knowledge of Space and the Cosmos is developing at a fast pace and the key purpose of the Centre will be to contribute to education and research in this frontier research area in the following ways:

Operating closely with other research clusters at Ahmedabad University and colleagues across the University including those who have an interest in Ancient and Modern Cosmology, Micro and Macro Cosmos, and other such areas to create a holistic perspective.

Encouraging faculty and students at the University to carry out path-breaking research and make new contributions globally in the Space and Cosmology domain.

Holding close interactions with faculty and students at other universities and institutions through collaborations, workshops, conferences, and visitor programmes.

Creating rigorous and in-depth academic programmes around Space and Cosmology.

PHYSIOTHERAPY COLLEGE FOR THE VISUALLY IMPAIRED

Ahmedabad University's 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 twin campuses provide support to the Programme with space marked out for three learning sessions to be conducted simultaneously, a science lab that houses 3D models of the human anatomy, 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 who guide the students through the curriculum and practical sessions. Education is completely free and includes tuition fees, accommodation, and food. A Physiotherapy Clinic that provides treatment to people at nominal charges also functions under this Centre.

Started in August 2005, the Diploma Programme in Physiotherapy was specially designed to meet the requirements of modern day physiotherapists, and included computer literacy. The Programme endeavours to build the careers of visually impaired learners, and transform them into complete professionals ready to meet the challenges of society.

In 2021-22, all 16 students enrolled in the Programme cleared their exams. 18 new students were admitted this academic year.

STUDENTS ACHIEVEMENTS

Student's Name	Year	Game	District Level	State Level
Harsh Patel	1 st Year	Long Jump	1 st	2 nd
Harsh Patel	1 st Year	100 m Running	1 st	1 st
Harsh Patel	1 st Year	Javelin Throw	1 st	2 nd
Tejal Damor	3 rd Year	100 m Running	1 st	1 st
Tejal Damor	3 rd Year	Disk Throw	1 st	2 nd
Tejal Damor	3 rd Year	Long Jump	1 st	1 st
Shreyansh Prajapati	3 rd Year	Short Put	1 st	-

VENTURESTUDIO

VentureStudio is a startup incubation centre at Ahmedabad University, established in 2011 in collaboration with the Stanford University Design School. Since inception, the Centre has supported over 100 startups in diverse technological domains such as Healthcare, BioTechnology, Life Sciences, Medical Devices, Diagnostics, Engineering, Industry 4.0, and Deep Tech Software Technologies. 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 the Bio-NESTBiotechnology lab to provide solid infrastructure support to upcoming startups.

As one of the oldest incubation centres in the area - VentureStudio carries a wealth of experience in providing 360° support to startups ranging from pre-seed grants or funding, personalised mentoring through a network of domain experts, and access to cutting-edge facilities for product development to market access, team-building assistance and support for follow-on Angel, 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 60 active startups, INR 15+ crore in revenue, 19 IPRs, and INR 10+ crore of follow-on fund raise.

The Centre exhibits a strong startup-centric culture where all activities are conceptualised, designed, and executed bearing in mind the support essential to startups. The Centre also understands the importance of co-incubation in providing the best possible support. Hence, it works positively with other incubation centres and ecosystem players to overall create a thriving startup ecosystem in Gujarat.

To encourage students to become entrepreneurs - the Centre runs the VentureStudio Fellowship, a semester-long Programme to equip students with the tools, framework, and skills required to successfully start an innovation-driven venture.

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 Bio-NEST 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.

PARTNERSHIPS

MoU with TiE Ahmedabad Angels

In February 2022, VentureStudio and TiE signed an MOU to utilise their diverse and complementary skills to strengthen the State's startup ecosystem.

MoU with GVFL Limited

Ahmedabad University Support Foundation (VentureStudio) and GVFL Limited (formerly Gujarat Venture Finance Limited) signed an MoU in November 2021 to work towards strengthening the startup ecosystem of Gujarat through research, innovation, and investments, using their diverse and complementary skills.

MoU with TechEx.in

VentureStudio signed an MoU with TechEx.in - Tech Transfer Hub in May 2021 to help technology developers and technology commercialisation entities find each other, forge collaborations, and advance the technology closer to the market. All startups associated with VentureStudio can avail the services of TechEx.in at a deep discount due to the strategic partnership.

Partnership with the Gujarat Chamber of Commerce and Industry

VentureStudio joined hands with the Gujarat Chamber of Commerce and Industry under which the latter organised meetings and fests supporting the startups of Gujarat by mentoring, interacting with members, and arranging presentations. The two partners formed a Logistics Committee group.

Partnership with Legalwiz

The partnership with Legalwiz helps our startups handle important legal needs like new business registration, tax filings, corporate advisory, intellectual property registration, and secretarial form filings at exclusive rates.

MSG91

VentureStudio built a strategic partnership with the internet-based service MSG91, that allows users to send information and critical alerts, to better support its incubated startups. Startups can avail of most of the latter's services at zero cost while a few are available at discounted rates, along with technical and non-technical support.

EVENTS

VentureStudio organised more than 25 workshops, panel discussions, speaker sessions, and networking mixers intending to sensitise students, innovators, and founders on challenges and opportunities in innovation and entrepreneurship and to bring together various stakeholders of the startup ecosystem.

IDEA TO STARTUP WORKSHOP

This workshop was organised to discuss how, for a startup to be successful, its idea has to strike a perfect balance of desirability, feasibility, and viability.

CONVERSATIONS

A series of 10 Conversations was organised as informal yet structured interviews with entrepreneurs to give the audience a unique opportunity to uncover their journey and ideas and learn from their real-life experiences.

DESIGN THINKING WORKSHOP

A workshop was organised to impress the importance of understanding Design Thinking and its application in various stages of startups.

LEAN CANVAS WORKSHOP

As part of our partnership with TiE Ahmedabad, TYE - The Young Entrepreneur, we provide advisory services, mentoring, and infrastructure. We also organised a workshop on Lean Canvas Model for high school students.

We organised multiple informational sessions on various government funding schemes such as BIG, NIDHI Prayas, and SSIP to spread awareness about the financial support available for innovators and tech entrepreneurs.

STARTUP SUCCESS STORIES

PEESCHUTE

Peeschute is an innovative, environment-friendly, and patented unisex disposable urine bag to address locomotion disabilities in the elderly, the paraplegic, and the bedridden, as also the everyday hygiene and privacy problems for travellers, arising out of lack of readily available and clean washrooms. Peeschute recently appeared on a popular startup reality show called Shark Tank and raised an angel investment of INR 75 lakh from Aman Gupta, Co-Founder and marketing head of boAT.

VENDAXO

Startup Vendaxo Pvt Ltd is an online marketplace platform to buy/sell or hire/rent/lease second-hand and used industrial equipment catering to a wide range of industries and geographies. Vendaxo was acquired by India's top B2B industrial goods marketplace Moglix in 2021.

PRAGMATECH

Startup Pragmatech Healthcare Solutions Pvt Ltd is a biotech startup which has patented the Cervicheck™ Self Sampling Kit, with which it aspires to increase large-scale adoption of periodic screening for cervical cancer (utility patent granted). Pragmatech has been selected for the BIG - Biotechnology Ignition Grant, a flagship scheme by DBT - Department of BioTechnology.

VIDCARE

Startup Vidcare Innovations Pvt Ltd is a biotech startup that reinvents the entire diagnostics flow for Thyroid tests performed by employing microfluidic principles. It has developed an equipment-free, over-the-counter, quantitative immunoassay testing platform technology. The startup has successfully raised seed funds and investments totaling around INR 2.4 crore from Derbi Foundation, the SocialAlpha Foundation Bengaluru, and individual investors from AngelList in 2021. It is on the way to becoming a stellar biotech startup.

NEW STARTUPS

Six new incubatees have been added to VentureStudio’s environment. Over 150 applications were reviewed and after two rounds of screening, the final six startups were selected to incubate with us.

INCUBATEE	STARTUP	DETAILS
NEEL PATEL	Krishnamani	Automation for accurate and precise seed plantation, including in seed depth, distance between zand appropriate amount of pesticide and fertiliser sprinkling.
PRASHAM MEHTA	Panthera Clean Tech Pvt Ltd	Panthera CleanTech is a D2C startup focussed on Water and Cleaning Solutions for the domestic sector.
HITARH PARIKH	Hustle	Hustle is a fitness and sports training product for amateurs and athletes which uses a laser for projecting targets combining both a virtual and physical experience.
NITIRAJ RAJPUT	Project HOMEBOT	A robotics, IOT, and machine learning startup, Project HOMEBOT is developing a state-of-the-art smart robotic floor cleaner.
GOUTHAMI T S	Amphibious Drone	The first of its kind in India, the Amphibious drone has the capability to perform both in air and water and has various defence and commercial applications.
JAIMIN SHAH	Teach Us	Teach Us is an edtech startup catering to the unique administrative requirements of any type of HEIs. It simplifies the academic processes and transforms the functioning of HEIs.

BIONEST

In July 2021, the Bio-NEST facility opened its doors to startups. Since then, the state-of-the-art biotechnology lab has physically incubated three startups and provided facility support to six projects.

The following startups are currently incubated at Bio-NEST

STARTUP	SECTOR	FOUNDER	DETAILS
Name to be decided (Since July 2021)	Industrial Biotech	Bhaumik Patel	Cost-effective production of Dextran from microorganisms.
WetAcre Solutions (Since October 2021)	Ageitech	Priyadharsini S	Water harvesting solutions for sustainable farming
Seragen Biologics (Since March 2022)	Therapeutics and Diagnostics	Vasanthi Palanivel	Solutions for male and female infertility conditions

GOVERNMENT SUPPORT

VentureStudio is an implementation partner for the following government schemes:

DST NSTEDB NIDHI Prayas Prototyping Grant: This scheme enables the translation of an innovative idea to a prototype. It provides a platform for faster experimentation in the journey to find product-market fit. Startups can receive up to INR 10 lakh in grants under this scheme. A total of 35 high-potential technology startups have been supported under this scheme at VentureStudio.

DST NSTEDB NIDHI Seed Support System (SSS): This scheme provides timely seed fund support to deserving startups thereby enabling them to take their venture to the next level by facilitating adequate go-to-market execution. The support extended under this scheme is up to INR 50 lakh. VentureStudio has supported eight startups under the scheme.

Government of Gujarat Startup Grant: This grant offers up to INR 30 lakh to Eligible Innovative Entrepreneurs for both, product and business development. The Centre has supported 15 startups under this scheme.

DBT BIRAC (Biotechnology Industry Research Assistance Council): Bio-NEST focuses on fostering the biotech innovation ecosystem in the country. The Biotechnology Ignition Grant (BIG) offers a funding grant of up to INR 50 lakh. As a BIG Associate Partner, VentureStudio has supported multiple startups in successfully acquiring the BIG grant.

SSIP - The Student Startup & Innovation Policy: This Government of Gujarat policy aims to create an integrated, state-wide, university-based innovation ecosystem to support innovations and ideas of young students and provide a conducive environment for optimum harnessing of their creative pursuit.



THE UNDERGRADUATE COLLEGE

The Office of the Dean of the Undergraduate College oversees the philosophy, structure, and implementation of the Undergraduate Programmes at Ahmedabad University. The Office works with the Schools at Ahmedabad University towards the overall enhancement of the University experience of students. It contributes to building a student-centric environment by continuously engaging with students and enabling them with opportunities for academic growth. The Office recommends new academic policies or suggests revisions to existing policies, based on feedback from students and faculty.

UNDERGRADUATE RESEARCH PROGRAMME

The Undergraduate Research Programme (UGRP) provides an opportunity to undergraduates from all disciplines to gain a lifetime experience through mentored research. It also provides them the opportunity to explore a new field of knowledge, including an interdisciplinary domain or to delve deeply into their area of study. In 2021-22, 212 students participated in 52 UGRP projects with 33 faculty members.

FOUNDATION PROGRAMME

Undergraduate students are introduced to the essence of Ahmedabad University Learning through our common core, the Foundation Programme. This Programme for first year students builds the foundations of interdisciplinary learning at Ahmedabad University and enables students to engage with issues of society through project-based learning. The Foundation Programme is built around six domains of knowledge that are 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 are:

Materials, Biology and Life, Behaviour, Constitution and Civilisation, Data, and Communication.

The delivery of these areas is done through thematic courses in a studio format to develop among our students a holistic approach to thinking and enquiry. Students learn to understand multiple issues that define a problem and learn the art and science of synthesis.

THE THEMATIC STUDIOS OFFERED IN 2021-2022 WERE:

Democracy and Justice, Environment and Climate Change, Neighbourhoods, and Water

In each Thematic Studio, domain knowledge was delivered through an application area thereby creating interdisciplinary learning. For instance, certain topics studied in the Studio on Water included inputs from Biology and Life, Behaviour, Data, and Communication. The students thus learned that many systems of knowledge are required to solve challenging problems.

The Foundation Programme was delivered partially in the online format in 2021-22. There was an online as well as an on-Campus exposition of the outputs created in the Foundation Programme which was open to students and their families.

STUDENT VOLUNTEER PROGRAMME

All Undergraduate and Integrated Master's students admitted to Ahmedabad University are required to complete 30 hours of engagement with society as a prerequisite for graduation. One of the objectives of this social service requirement is to build value for action in the lives of our students.

In the past year, the Student Volunteer Programme worked with the Jivdaya Charitable Trust (for animal welfare), Upraant Foundation (for reducing the global carbon footprint and empowering women), High on Life Foundation (for anti-drug addiction campaigning), Humankind (for creating teaching aids and conducting sessions for students from under-resourced schools), Khoj Museum (for science education), Prabhat Education Foundation (for special needs education), and TIDE Foundation (for generating teaching materials), among other Ahmedabad based non-profit organisations, that includes four new organisations. About 820 students participated in these projects.

Post-pandemic, on-field volunteering began, allowing students a richer experience of community service. This helped them to be more sensitive to social issues and gave them the opportunity to serve others in real time. After receiving experiential learning after volunteering for 30 hours, many students are still actively associated with the organisations and effectively contributing to the cause.



THE GRADUATE SCHOOL

The Office of the Dean of Graduate School oversees research activities at the University. The Office also

- formulates guidelines for conducting the Doctoral programmes,
- supports outreach for the Graduate programmes,
- coordinates admissions to the Doctoral programmes,
- coordinates the selection of doctoral candidates to the University Fellowships/ Assistantships,
- maintains the status of doctoral students and their progress, and manages dissertation evaluation,
- organises the Orientation programme for Graduate students.

DOCTORAL STUDENTS

Total Enrolled: 75

Full-Time: 48

School of Engineering and Applied Science: 22
School of Arts and Sciences: 24
Amrut Mody School of Management: 2

Part-Time: 27

School of Engineering and Applied Science: 9
School of Arts and Sciences: 3
Amrut Mody School of Management: 15

Full-Time Students Supported: 44

Sponsored Projects/External Fellowships: 16
University Fellowship/Assistantship: 19
School Teaching Assistantship: 9

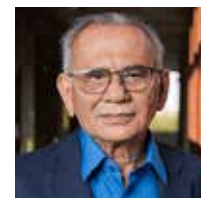
In this academic year, five students successfully defended their dissertation

School of Engineering and Applied Science: 3
Amrut Mody School of Management: 1
School of Arts and Sciences: 1

Three students were awarded their PhD degrees.

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 2021-22, the University Research Board members were:



DEEPAK KUNZRU

*Dean
Graduate School
and Research
Ahmedabad University*



DEVANATH TIRUPATI

*Senior Dean Academic and Dean
Amrut Mody School of Management
Ahmedabad University*



SANJAY CHAUDHARY

*Associate Dean
School of Engineering and
Applied Science
Ahmedabad University*



RAMA RATNAM

*Professor
School of Arts and Sciences
Ahmedabad University*



DARSHINI MAHADEVIA

*Associate Dean, Arts
School of Arts and Sciences
Ahmedabad University*



R R SONDE

*Visiting Professor
Department of Chemical Engineering
IIT Delhi*



BALACHANDRAN RAVINDRAN

*Emeritus Professor
Institute of Life Sciences
Bhubaneswar*



ANIRBAN DASGUPTA

*N. Rama Rao Chair Professor
Department of Computer Science &
Engineering
IIT Gandhinagar*



TEJASWINI NIRANJANA

*Director
Centre for Inter-Asian Research
Ahmedabad University*



MIHKEL TOMBAK

*Chair
Department of Management
UTM, HATCH Chair in Technology
Management and Strategy
Institute for Management and
Innovation, University of Toronto*

The details of the start-up grant, seed grant and teaching material development grant proposals that were on-going in the academic year 2021-22 are given below:

START-UP GRANT PROPOSALS

Joshi, K.	INR 9,90,000
Divyawear - a wearable haptic cueing system for visually impaired.	
Mukherji, S.	INR 11,35,000
Properties of gene regulatory networks associated with bacterial stress response.	
Das, S.	INR 7,40,000
Cultural analysis of environmental precarity and adaptation in the Eastern Himalayas.	
Singh, R.	INR 25,00,000
Detection of electromagnetically induced transparency of perfect cylindrical vector vortex beam in warm rubidium vapour.	

TEACHING MATERIAL DEVELOPMENT PROPOSALS

Shukla, A.	INR 80,000
Creating math-art and visually appealing 3D mathematical models to improve the mathematical ability of students.	
Dugar, P.	INR 40,000
Balanced scorecard (BSC) implementation at FTTH 24x7 Networks Pvt. Ltd.	

In addition to the above proposals funded from internal resources, two more proposals were approved under the scheme on Interdisciplinary Programmes on sustainable systems and living. The details are given below:

PROPOSALS AROUND SUSTAINABLE SYSTEMS AND LIVING

Vaishya, A., Adhvaryu, B., Mahadevia, D., Jana, K., Rajpurohit, S.	INR 20,00,000
Climatic understanding of dengue spread in urban landscapes.	
Niranjana, T.	INR 7,32,000
Usable pasts, sustainable futures.	

SEED GRANT PROPOSALS

Jana, K.	INR 2,00,000
Regional Covid infection explorer and forecaster in the Indian context.	
Rai, A.	INR 2,00,000
Diagnosis of gearbox faults using automatic feature extraction techniques.	
Prakash, B.	INR 2,00,000
Can we develop gut-safe antibiotics? Investigating Eng A homologues from pathogenic and gut bacteria.	
Zaveri, M.	INR 2,00,000
Building context-specific image/video repository for Indian roads.	
Arora, P.	INR 2,00,000
Do professors discriminate against students? Evidence from India.	
Roy, M.	INR 2,00,000
The effects of financial aid on educational choices of students - An experimental analysis.	
Chapagain, N.	INR 1,60,000
Heritage dilemma at the 15th century walled town of Lomanthang, Nepal: Implications of changes in policy and governance systems in Nepal in the past three decades (1992 - 2022).	
Dalai, S.	INR 1,75,000
Influence of Mg/SiO2 molar ratio and annealing temperature on the structure and morphology of waste glass derived silicon nanomaterial.	
Tanavde, V.	INR 2,00,000
Development of an assay for enumerating extracellular vesicles by flow cytometry.	
Bhalodiya, J.	INR 1,60,000
Cardiomyopathy teleconsultation app.	
Kumar, A.	INR 2,00,000
The effect of attachment security on consumers' price sensitivity.	
Patel, D.	INR 2,00,000
Development of Cohda wireless 5G testbed for intelligent transportation.	

EXTERNALLY SPONSORED PROJECTS

During July 2021 to June 2022, there were 34 on-going sponsored projects with a total sanctioned budget of INR 2429.6 lakhs. Out of these, 9 projects with a total sanctioned budget of INR 536.7 lakhs were approved during this period. Moreover, 3 projects were completed in this period. The details of the on-going projects are given below:

PRINCIPAL INVESTIGATOR AND CO-INVESTIGATOR	FUNDING AGENCY	TITLE OF THE PROJECT	AMOUNT (INR in Lakhs)
Balaji Prakash (School of Arts and Sciences)	Gujarat Institute of Chemical Technology	Establishing Centre for Nanotechnology Research & Applications (CENTRA)	890
Ashutosh Kumar (School of Arts and Sciences)	Gujarat Institute of Chemical Technology	Establishment of a facility for Environmental Risk Assessment of Chemicals and Nanomaterials	43.52
Minal Pathak (Amrut Mody School of Management)	Imperial College of Science Technology and Medicine (IPCC London)	Technical Support Unit of Working Group III of the Intergovernmental Panel on Climate Change (IPCC) Imperial College London	295.83
Subhash Rajpurohit (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Ramanujan Fellowship	38
Noopur Thakur (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Cross talk between TGF beta signalling and the epigenetic states in driving tumorigenesis	44.54
Vivek Tanavde (School of Arts and Sciences)	Gujarat State Biotechnology Mission	Identification of salivary exosomes derived miRNAs as potential early diagnostic biomarkers in oral cancer patients: a liquid biopsy approach	29.12
Subhash Rajpurohit (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Cuticle soft or hard: How do insects balance water?	22.12
Ratna Ghosal (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Ecological assessment of the exotic sailfin catfishes in the Indian freshwater systems and developing a species-specific molecular tool to measure their detection in the wild	45.43
Jitendra Sundaray (ICAR-Central Institute of Freshwater Aquaculture)			
Mary Ann Chacko (School of Arts and Sciences)	Spencer Foundation, USA	Addressing dissonances between education research and post-market reform society	33.88
Darshini Mahadevia (School of Arts and Sciences)	Department of Biotechnology	Opportunities for climate mitigation and sustainable development	85.5
Minal Pathak (Amrut Mody School of Management)			
Dharmesh Varade (School of Engineering and Applied Science)	Department of Atomic Energy (DAE), Board of Research in Nuclear Science.	High throughput synthesis of nanoliposomes in microfluidic reactors for efficient delivery of anticancer drugs.	30.8

PRINCIPAL INVESTIGATOR AND CO-INVESTIGATOR	FUNDING AGENCY	TITLE OF THE PROJECT	AMOUNT (INR in Lakhs)
Raghavan Rangarajan Gaurav Goswami (School of Arts and Sciences)	Department of Science and Technology, New Delhi	Cosmological dark matter, primordial black holes, Bose-Einstein condensates, and charge asymmetry of the Universe	40.91
Mitaxi Mehta (School of Engineering and Applied Science)	Science and Engineering Research Board, New Delhi	An iterated symplectic Map for understanding Hamiltonian chaos	6.6
Leya Mathew (School of Arts and Sciences)	National Academy of Education/Spencer Foundation	Shifting science identities and appropriate femininities at a Pharmacy College in India	48.48
Anjan Anand Sen (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Astrophysics and cosmology in ghost free bi metric Gravity	6.6
Krishna Swamy (School of Arts and Sciences)	Department of Biotechnology	Unravelling cellular reprogramming underlying the evolution of hybrid vigour in introgressed yeast hybrids (Ramalinga Swamy Fellowships)	113.6
Dharmesh Varade (PI) Snigdha Khuntia (Co-PI) (School of Engineering and Applied Science)	UGC-DAE Consortium for Scientific Research	Phase behaviour and microstructures in aqueous solution of mixed surfactant systems, micellar transition foaming and microemulsion	15.0
Souvik Sen Gupta (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Identification and characterization of a novel protein from Leishmania donovani with potential implication in cell death pathways	44.29
Maya Ratnam (School of Arts and Sciences)	Social Science Research Council, USA	Governing the pandemic: Relief and resilience in Ahmedabad, Gujarat	1.63
Ratna Ghosal (School of Arts and Sciences)	Wildlife Conservation Society, USA	Development of a pattern recognition tool to identify individual marsh crocodiles	3.42
William Austin, (School of Geography, University of St Andrews, Scotland), Professors Joe and Pete Smith (University of Aberdeen) and Ratna Ghosal, Minal Pathak and Priyadarshi Shukla (Ahmedabad University)	Sapphire Scheme Royal Society of Edinburg, UK	Sustainable coastal habitats, blue carbon and the challenges of net zero	7.8
Snigdha Khuntia (PI) (School of Engineering and Applied Science)	Department of Science and Technology, New Delhi	Synthesis of magnetic coated microcrobubbles for removal of trace pollutants	38.7
Sameer Dalvi (Co-PI) IIT Gandhinagar			

PRINCIPAL INVESTIGATOR AND CO-INVESTIGATOR	FUNDING AGENCY	TITLE OF THE PROJECT	AMOUNT (INR in LAKHS)
Anjan Anand Sen (School of Arts and Sciences)	Science and Engineering Research Board, New Delhi	Search for the missing links between observation and theory in beyond concordance Λ CDM model	43.86
Darshini Mahadevia (PI) (School of Arts and Sciences)	The British Academy	Managing Covid 19 in India's cities: reshaping people's everyday lives in poorer urban neighbourhoods	9.85
Glyn Williams (Co-PI) (University of Sheffield)			
Karen Coelho (Co-PI) (Madras Institute of Development Studies)			
Binitha Thampi (Co-PI) (IIT Madras)			
Reena Trivedi (PI) (Nirma University)	Gujarat Council on Science and Technology (GUJCOST)	Development of a vision-based multi-degree of freedom feeding serial manipulator for the patients suffering from neurological disorders and infectious disease (COVID-19)	1.2
Keyur Joshi (Co-PI) (School of Engineering and Applied Science)			
Daniel Houser (PI) (School of Arts and Sciences)	National Science Foundation, USA	Doctoral Dissertation Research in Economics: An experimental analysis of the role of group identity in leadership effectiveness	NA
Moumita Roy (Co-PI) (School of Arts and Sciences)			
Ashutosh Kumar (PI) (School of Arts and Sciences)	Ministry of Earth Sciences	Study of earth surface processes at three different critical zones with different climatic and geologic settings in Western India	23.93
Vikrant Jain (PI) (IIT Gandhinagar)			
Sanjeev Kumar (PI) (PRL, Ahmedabad)			
Vimal Misra (Co-PI) (IIT Gandhinagar)			
Samir Damar(Co-PI) (NIO, Goa)			
Pallavi Vyas (Amrut Mody School of Management)			
Ratna Ghosal (School of Arts and Sciences)	Island Foundation Trust, USA	Award for student fellowship	2.21
Ratna Ghosal (School of Arts and Sciences)	Rufford Foundation, UK	Monitoring stress physiology of mugger crocodiles (<i>crocodylus palustris</i>) within a human-dominated landscape of central Gujarat, India	6.5
Vivek Tanavde (PI) Ashutosh Kumar (Co-PI) (School of Arts and Sciences)	DBT SAHAJ project	Imaging and Flow Cytometry Centre at Ahmedabad University	448.35

PRINCIPAL INVESTIGATOR AND CO-INVESTIGATOR	FUNDING AGENCY	TITLE OF THE PROJECT	AMOUNT (INR in LAKHS)
Dharamshi Rabari (School of Engineering and Applied Science)	UGC-DAE Consortium for Scientific Research	Self-aggregation behaviour of surfactants in novel synthesised deep eutectic solvents.	0.45
Dhaval Patel (PI) Mehul S Raval (Co-PI) (School of Engineering and Applied Science)	Gujarat Council on Science and Technology	Design and development of 5G Enabled intelligent transportation system in Gujarat	22.1
Mukesh Zaveri (Co-PI) (NIT - Surat)			
Mehul Raval (PI) (School of Engineering and Applied Science)	Gujarat Council on Science and Technology	Semantic person retrieval in surveillance	33.18
Paawan Sharma (Co-PI) (School of Technology, PDEU)			

PURCHASE OF MAJOR EQUIPMENT

Universal Testing Machine for Material Testing	INR 22,00,000
Equipment for Psychology Laboratory	INR 7,50,000
X-Ray Diffractometer (XRD) for structural characterisation of materials	INR 53,00,000
Traffic Simulator for Intelligent Transportation System	INR 24,00,000
Equipment for Biosciences Research Laboratory	INR 10,00,000

SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION

Ahmedabad University received the renewal of recognition as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR) from April 1, 2022 to March 31, 2025. The SIROs recognised by DSIR are eligible for customs duty exemption and excise duty waiver on import of equipment/instruments and their spares and consumables.

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:



ADITI SINGHAL

Assistant Professor
School of Engineering and
Applied Science
Ahmedabad University



SUTAPA MUKHERJI

Professor
School of Arts and Sciences
Ahmedabad University



BHARGAV ADHVARYU

Professor
Amrut Mody School of
Management
Ahmedabad University



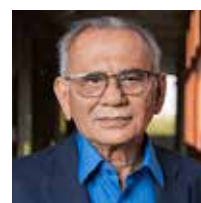
MONA MEHTA

Associate Professor
School of Arts and Sciences
Ahmedabad University



RAMA RATNAM

Professor
School of Arts and Sciences
Ahmedabad University



DEEPAK KUNZRU

Dean
Graduate School and
Research
Ahmedabad University

UNIVERSITY GRANTS OFFICE

The Grants Office at the Ahmedabad University was established in June 2019 to facilitate grant fund raising 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 that is currently being used by faculty members to submit their proposals for consideration by the University Research Board. This Office also publishes a quarterly research newsletter with information of relevance to research and a monthly research compendium giving information on funding opportunities. In this academic year, the Grants office published three research newsletters and 12 research compendiums.

The Grants Office organised an online workshop on IP Law - Requirement and Strategies for filing on July 23, 2021.

Dr Lipika Sahoo
Founder and CEO
Lifeintellect Consultancy Pvt. Ltd.

The Grants Office published an article for NCURA Magazine, on the establishment of the University Grants Office at Ahmedabad University. NCURA is the National Council of University Research Administrators in the USA and the NCURA Magazine is accessed by members of its global network.

INSTITUTIONAL BIOSAFETY COMMITTEE

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 has the overall responsibility for maintaining the biosafety guidelines within the university. Following the guidelines of IBSC, it is the duty of the primary investigator (PI) to apprise the IBSC about experiments involving biohazardous substances. The PI needs to obtain approval from IBSC prior to conducting similar experiments within the University premises.

The constitution of IBSC at Ahmedabad University has been approved by the Department of Biotechnology on Jan 31, 2020. The Committee members are

Vivek Tanavde
Ahmedabad, Gujarat
Chairperson

Chaitanya G Joshi
Director
Gujarat Biotechnology
Research Centre
Gandhinagar, Gujarat
DBT Nominee

Ratna Ghosal
Ahmedabad, Gujarat Outside
Member Secretary

Dhiraj Bhatia
Gandhinagar, Gujarat
External Expert

Gayatri Raval
Ahmedabad, Gujarat
Biosafety Officer

Krishna Swamy
Ahmedabad, Gujarat
Internal Member

Rama Ratnam
Ahmedabad, Gujarat
Internal Member

Souvik Sen Gupta
Ahmedabad, Gujarat
Internal Member

During this academic year, this committee met twice in July 2021 and December 2021 and granted approval to one project. An annual compliance report of IBSC has also been submitted to the Department of Biotechnology for the Financial Year 2021- 22.

ETHICS COMMITTEE

The University has constituted an interim Ethics Committee. The Committee members are:

Deepak Kunzru
Dean
Graduate School and Research
Chairperson

MEMBERS

Ashwin Kumar, Director, Centre for Learning Futures
and Associate Professor
Maya Ratnam, Assistant Professor
Ratna Ghosal, Assistant Professor
Jaina Mehta, Lecturer
Ekta Sharma, Associate Professor
Rama Ratnam, Professor

The Committee meets regularly for certifying 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 2021- 2022, 10 proposals were granted ethical approval by this committee.

CAREER DEVELOPMENT CENTRE

The Career Development Centre at Ahmedabad University guides and prepares students for success in their careers by providing significant resources to explore, discover, develop, and pursue their personal and professional goals as well. The Centre not only facilitates their connection to the corporate world that matches those goals but is also committed to working with students at all levels of their career aspiration cycle - from interest to assessments to networking opportunities to job-searching strategies. It functions as the nodal office for the University's corporate relations.

CAREER DEVELOPMENT CENTRE-STUDENT COMMITTEE

The Centre works closely with students through a Student Committee. Member students of the Career Development Centre Student Committee build a symbiotic environment, representing the interest of students and acting as a bridge between them and the Centre.

KEY HIGHLIGHTS

- 94% placement of students participating in placement (Data till June 30, 2022)
- International recruitment opportunities from Khimji Ramdas (Muscat) and Axiomise (UK)
- The highest number of large IT recruiters engaged for Campus Placements - IBM, Cognizant, Infosys, Wipro, TCS, Google, Amazon USA, CERN Switzerland, and HCL, among others.
- Leading organisations across sectors engaged for Campus Placements - Grey Orange, Blue Conch, FlashTech, Cerebranium, NetMeds, iCreate, Harsha Engineers, InfoAnalytics, Nivea, BigBasket, CMIE, and Ishitva Robotics, among others.
- Talent pool requirements raised by -Blackstone COE, Adani Total, ITC, Ford, Nirma, IOCL, Siemens Energy, Schneider, Hettich, BigBasket, NielsenIQ, JSW Paints, Jio Platforms, Nivea, PNB Gilts, Edelweiss Finance, and The Career Labs, among others,
- CMIE, Public Affairs Centre, and Yuva Unstoppable, among others, in the social and development sector.
- 3 students selected in the Forbes Marshall - Super20 Programme for Women in STEM.

GRADUATING STUDENTS DATA

Students in Jobs	42%
Students Pursuing Higher Education	26%
Students Preparing for National Examinations	22%
Students in Family Business	4%
Student Startups	2%

PLACEMENTS	AY 2020-2021	AY 2021-2022
Total Students participated in Placement	124	158
Total Students Placed	110	149
Percentage Placed	89%	94%
Undergraduates	47	67
Graduates	63	82

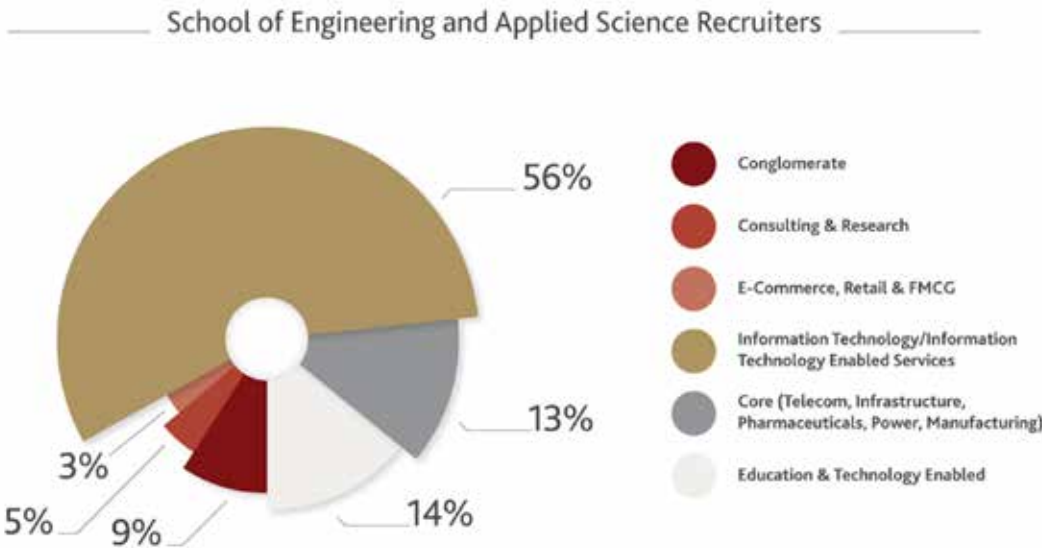
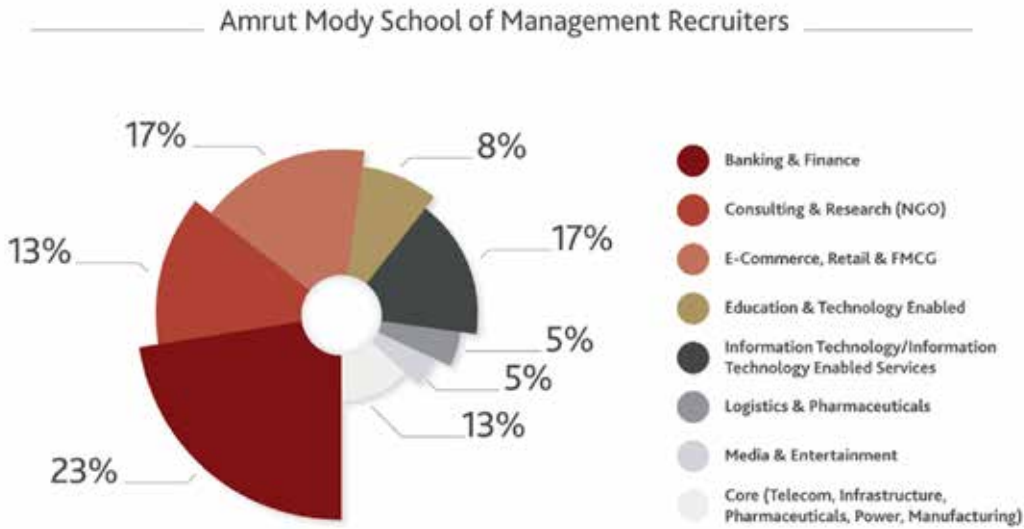
PLACEMENTS	Ahmedabad	Engineering	Management
Students Placed	94%	97%	91%
Recruiters on Campus	160+	75	93

CAREER COUNSELLING, ASSESSMENT, AND DEVELOPMENT ACTIVITIES

The Career Development Centre undertakes activities to build students' capabilities and job readiness. In the year gone past, the Centre evaluated students on multiple platforms, from psychometric analysis to aptitude tests to personal counselling. It undertook Learning and Development activities to prepare students for the campus-to-corporate journey.

PLACEMENTS

Returning to Campus post the pandemic, the Centre provided rigorous training to our graduating batch and increased focus on corporate outreach to ensure students were not affected by the low industry sentiment. The Centre secured not only a larger number of career opportunities for students but also ensured better width and depth of recruiters visiting the Campus. This helped in placing the highest number of students in recent years.



INDUSTRY ENGAGEMENT

160+ companies engaged with Ahmedabad University to offer Projects, Internships, and Career opportunities. The indicative list is as follows:

94.3 MY FM	Ecosmob Technologies	Jio Platforms
Accenture	Edelweiss Financial Services	JSW Paints
Adani Total Gas Ltd	ElasticRun	Junomoneta Finance
Aethereus Consulting	Engage Services	JusPay
Amneal Pharma	Eques Capital	Kaar Technologies
Anblicks	EvoSys	Kaushalam Digital
Anblicks Pvt. Ltd.	Federal Bank	Khimji Ramdas Retail
Andapp	FeroAl	Khimji Ramdas, Muscat
Apisero Technologies	Finar Chemicals	Kotak Mahindra Bank
Argusoft	FlashTech	KPMG Consulting
Arvind Advanced Materials	Flourish Pure Foods	Lido Learning
Arvind Ltd	Forbes Marshall	Shipmnts Ltd.
Asian Paints	Gala Infrastructure	Lucent Innovation
Awaaz De Infosystems	Gateway Group	Markets And Markets
Axiomise	Gemba Concepts	Maruti Tech Labs
Berger Paints	Genpact	MAS Financial Services
Bharti Airtel	Genuin Inc	Motadata
BigBasket	Global Insurance Broker	Motilal Oswal
Birla Soft Ltd	Godrej & Boyce	MRF Limited
BiziVerse	Grey Orange	Nailbiter
Blackstone(Wipro)	Group Trident	Nepra Resource Management
Board Infinity	Harsha Engineers	NetMeds
Bosch Rexroth	HCL Technologies	NielsenIQ
Byju's - The Learning App	HDFC Life Insurance	Nirma Limited
CapitalVia	HDFC Limited	NoPaper Forms
Celebal Technologies	Healthark Insights	Numerator
Centre for Monitoring Indian Economy	Hettich India	O2H Group
CEPT University	HFFC	Optimal Media Solution
Cerebranium	IBM India	Pandit Deendayal Energy University
CodeNation	ICICI Bank	Panthera Group
Cognizant	ICICI Prudential	PedalsUP
Corretech Energy	iCreate	PI Square Investments
Cricheroes	Indiamart Intermesh	Pixster Studio
DCB Bank	Infoanalytica	PNB Gilts
Digital Jalebi	InFocusP	Power H2O Water Technologies
Ditto Insurance	Infosys	Power Play Labs
DTDC	Innovatics	Prakash Chemicals
DxFactor	IRM Energy	PressureJet Systems
eClinicalWorks	Ishitva Robotic Systems	
	ITC Ltd.	

Proclink Consulting Services LLP
Quicko
Radio Mirchi
Ratnamani Healthcare
Reelo Technologies
Reliance Retail
ReMaterials
Ripple Hire
Rolling Arrays
S&P Global
Secure Meters
Shibusa
Simform
Smart Sense
Smyttens
Softronics Development LLP
Summachar
Svatantra Micro Housing Finance
Tata AIG
Tata Consultancy Services
Tata Elexis
Tatvic Analytics
Tecblic
The Career Labs
The Phoenix Mills
Torrent Cables Ltd
Torrent Gas
Torrent Pharmaceuticals
Torrent Power
UST Blue Conch
Vay Network Services
Wipro Limited
Yuva Unstoppable
Zyapaar
Zydus Cadila

HIGHER EDUCATION

Ahmedabad Univeristy students are enrolled at some of the most significant universities globally.

Arizona State University	SDA Bocconi Asia Center
Boston College	Stevens Institute of Technology
Brunel University London	The Pennsylvania State University
California State University Long Beach	The University of Queensland
Carnegie Mellon University	University at Buffalo
Columbia University	University of Calgary
Dalhousie University	University of Illinois Urbana-Champaign
Deakin University	University of Maryland
Delft University of Technology	University of Michigan
DePaul University	University of Massachusetts
Hofstra University	University of Pennsylvania
Humber College	University of Texas at Dallas
Indian Institute of Management Amritsar	University of Windsor
Indian Institute of Technology Guwahati	
IMT Ghaziabad	
ISIPCA Paris	
IU International University of Applied Sciences, Erfurt	
Johns Hopkins University	
King's College London	
Lakehead University	
Laurentian University	
MICA	
New York Institute of Technology	
Northeastern University	
Pace University	
Purdue University	
Rutgers University	

LIFE AT THE UNIVERSITY

It is a constant endeavour of Ahmedabad University to support its students not just academically but also make their University experience comfortable and fruitful. It addresses student queries, and provides information, guidance and counselling. It runs the Health Centre, the Wellness Centre, Clubs and Associations, Housing and Dining Services, and other activities on Campus.

The Office works at sensitising students to social issues like ragging, substance abuse, gender bias, cyber misconduct, traffic safety, and sexual harassment in compliance and adherence to the University's and the University Grants Commission's policies. The Wellness Centre is responsible for initiatives in medical care, personal counselling, and awareness campaigns. Student Engagement at the Office works towards overall development of the youth through a wide spectrum of activities, mostly driven by students. Faculty mentors guide them with the support of the Office under the Ahmedabad University Students Events and Activities Committee. Student Housing and Residential Life ensures that students arriving from outside Ahmedabad and even those within the city opting for residential services, receive the comforts of a home and a sense of belonging.





WELLNESS

PHYSICAL WELLNESS

In March 2022, the Health Centre was relocated to the University Centre with a facility for four beds. It is open from 8:00 am to 8:00 pm. This year we handled -

Student Medical Consultations: 1104 | Emergency Cases: 11

MENTAL WELLNESS

Personal Counselling activities this year:

- Number of sessions conducted: 428
- Number of individuals who sought counselling: 128
- Distance Counselling: 1244

Support Groups (This year, we formed two support groups for students on PCOS and Alienation.)

Through our panel of mental health professionals and faculty on the Wellness Committee, the Office of the Dean of Students continuously monitors the mental wellbeing of students and provides for lacunae, if any. The Family Connect Initiative also builds a rapport with the families of our students receiving financial aid.

The Office of the Dean of Students facilitates and extends backend support to the following under the Compliance and Grievance Redressal Mechanism at Ahmedabad University:

- Raggin
- Prevention of Sexual Harassment
- Grievance Redressal
- Women's Development Cell



The Wellness Centre organises various webinars and on-campus activities on issues relevant to students as well as employees. In the past year, these were the topics the Centre dealt with and the activities it organised in collaboration with industry experts.

ACTIVITY	FACILITATOR	DATE
Webinar on 'Resilience in Times of Stress'	Nairuti Trivedi Wellness Counsellor	June 16, 2021
International Yoga Day	Ayushi Patel Certified Yoga Instructor	June 21, 2021
Webinar on 'Own Your Time'	Puroitree Majumar YourDOST	June 25, 2021
Living College Life from Home	Dr Nikita Somani Wellness Counsellor	June 29, 2021
Dealing with Family Expectations	Puroitree Majumar YourDOST	August 31, 2021
Experience of Being in a Hostel	Nairuti Trivedi Wellness Counsellor	October 19, 2021
Understanding PCOS	Dr. Gayatri Raval and Nairuti Trivedi University Doctor and Wellness Counsellor	October 20, 2021
Self-Care and Mental Wellness	YourDOST	October 20, 2021
Experience of Being in a Hostel	Nairuti Trivedi Wellness Counsellor	October 21, 2021
A Group Discussion about 'Alienation'	Nairuti Trivedi Wellness Counsellor	October 27, 2021
Cyber Safety and Cyber Misconduct	Puroitree Majumar YourDOST	November 10, 2021
Yoga Camp	Ayushi Patel Certified Yoga Instructor	November 9-19, 2021
Understanding Sexuality: A Choice?	Puroitree Majumar YourDOST	February 23, 2022
Psychoanalytic Understanding of the Movie "Waiting"	Dr Apurva Patel Child and Adolescent Psychiatrist	March 2, 2022
First-Aid Training	Dr Gayatri Raval (University Doctor) Kalpana Pareek (Assistant Dean, Wellness and Counsellor) and The Indian Red Cross Society	April 20, 2022
Beating Stress with Dance Movement Therapy	Yashasvini Gadhvi Trained Dance Movement Therapist	April 20, 2022
Health Camp	Dr Gayatri Raval University Doctor	May 4-6, 2022
Session on Prevention of Sexual Harassment (POSH)	Mini Nilkund YourDOST	May 17, 2022

FAMILY CONNECT INITIATIVE

Further to the University's Financial Aid Programme, the leadership also believes in conveying to the families of such beneficiaries that it cares for the student's academic and personal growth. Through various channels, the University connected with 81 students receiving Financial Aid this Academic Year; 31 from within the city and the remaining from outside.

WORK STUDY PROGRAMME

Under the University's Work Study Programme initiated to create opportunities within the University ecosystem, students are encouraged to work at any of the administrative or School offices at the University. 14 students were engaged under the Programme.

CIRCLE OF CARE

The Circle of Care programme helps incoming students in seamlessly transiting from School to University. It provides a safe space for students who are mentored by a faculty advisor and a senior student called the student mitr (friend) on academic and non-academic challenges. In the past year, 972 incoming students were placed in the Circle of Care with their mentors.



KEY EVENTS AT THE UNIVERSITY

INTELLECTUAL AND CREATIVE ENGAGEMENT

Youth Festival

Ahmedabad University's Youth Festival was organised on March 23-27, 2022, and was open to students across all Programmes.

Student Clubs

To enrich student life on Campus, the University offers varied platforms, Student Clubs being one such. This year due to the pandemic the activities were conducted online. There are 19 active Student Clubs at the University.

The Entrepreneurs' Club and Film Appreciation Club were awarded by the Chairman as the Best Performing Student Clubs for 2021-22 on the 13th Foundation Day.

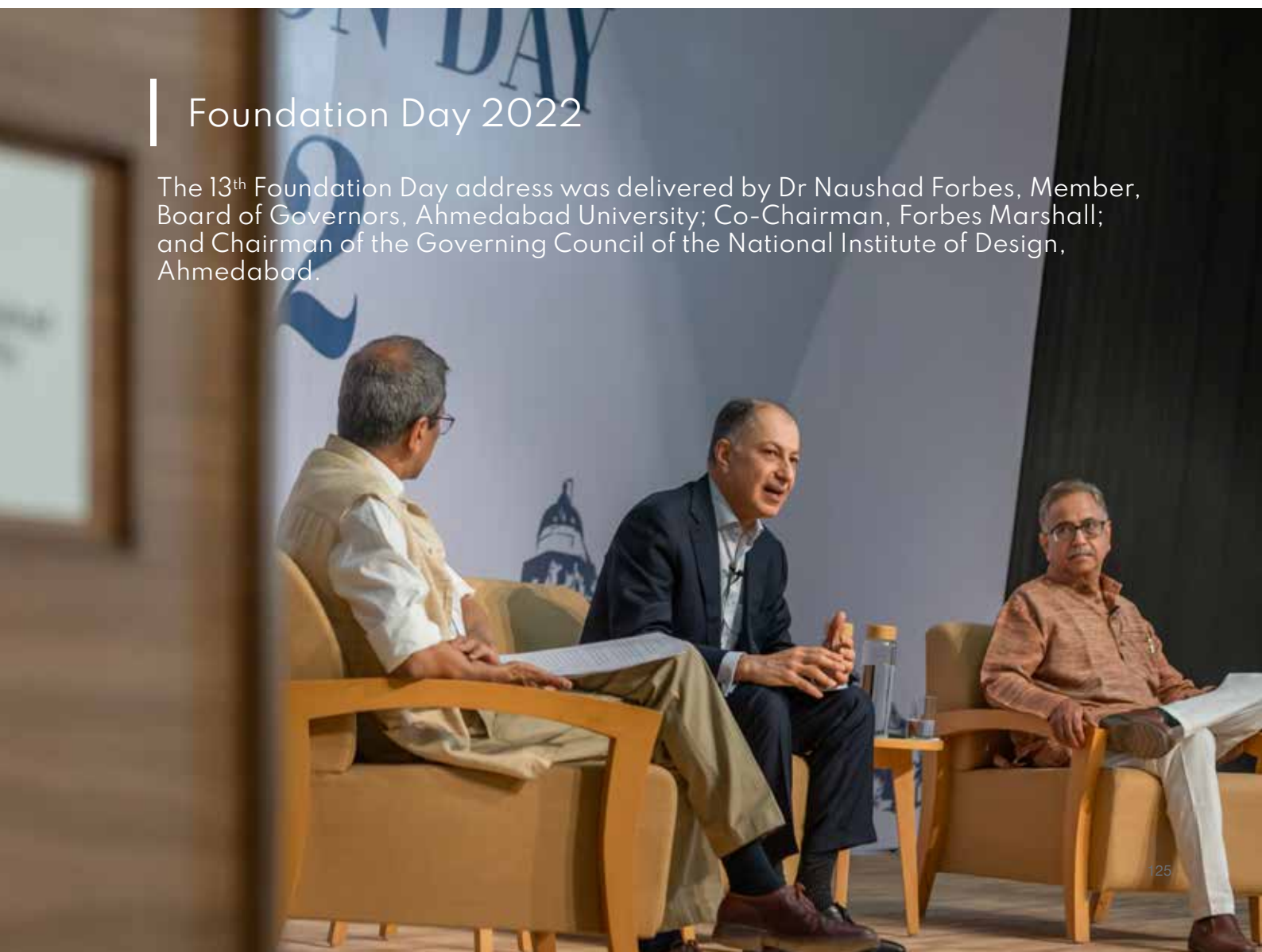


CONVOCATION 2021

The 11th Convocation was addressed by Nobel Laureate in Economic Sciences, Professor Abhijit Vinayak Banerjee, author, and Ford Foundation International Professor of Economics at the Massachusetts Institute of Technology.

Foundation Day 2022

The 13th Foundation Day address was delivered by Dr Naushad Forbes, Member, Board of Governors, Ahmedabad University; Co-Chairman, Forbes Marshall; and Chairman of the Governing Council of the National Institute of Design, Ahmedabad.



Following are the list of activities undertaken by the various student clubs during the year:

DANCE CLUB	
Intersections	May 15, 2021
Transitions and Traditions	June 26, 2021
Step It Up	September 11, 2021
Bolly-wow	September 22, 2021
Ae Halo	October 13, 2021
Auditions	November 13, 2021
Apdu Ahmedabad Launch Event	November 17, 2021
Tip Tap Toe 4.0	January 29, 2022
Dance Show	February 23, 2022
Contemporary Workshop	April 9, 2022
Mad About Dance	April 30, 2022

DESIGN CLUB	
Intersection	May 15, 2021
Made in India	June 12, 2021
Designathon 2.0	December 21-25, 2021
Soul to Soil	April 6, 2022
Cyanotype Printing	April 27, 2022

ENTREPRENEURS' CLUB	
The Mind Mansion	July 17-18, 2021
Talking Tycoons	August 18, 2021
Hult Prize	September 1, 2021
Campus to Corporate	September 18, 2021
Flash Pitch	October 16, 2021
Entrepreneurship Awareness Drive	November 10, 2021
Marvel Matrix	November 20-21, 2021
Business over Breakfast	December 21-25, 2021
Designathon 2.0	December 21-25, 2021
Engagement beyond Classroom	January 29, 2022
Hult Prize	February 5, 2022
Planet over Profit 2.0	February 9-12, 2022
First Impression - Hult Prize	February 16, 2022
Hult Prize	February 23, 2022
Hult Prize	March 2, 2022
Hult Prize Finals	March 14, 2022



ENVIRONMENT CLUB	
Let's Talk Micro	June 5, 2021
Be Earthwise	June 12-13, 2021
Make and Paint	July 24-25, 2021
Sustainable Food Drive	October 16, 2021
Circular Economy Conference	November 13, 2021
Let's Compost	January 12, 2022
Coastal Biodiversity of TamilNadu	January 29, 2022
Webinar on E-waste	February 16, 2022

MUSIC CLUB	
TGIF	September 17, 2021
Apdu Ahmedabad Launch Event	November 17, 2021
Hunt'akshari	February 9, 2022
TGIF: Jam-n-Gel	February 25, 2022
Treble Dusk 3.0	April 29, 2022

FILM APPRECIATION CLUB	
Cine Talkies	May 29-June 5, 2021
QueerLens	June 18, 2021
Vibhajan	September 18, 2021
Movie Screen-Before	October 13, 2021
Tales of Before	October 16, 2021
Movie - The Great Indian Kitchen	October 20, 2021
Otaku Talks	November 10, 2021
Let's Talk Genres 2.0	November 17, 2021
Christmas Movie Screening	December 23, 2021
Chalchitra	January 22, 2021
Broad Screen	January 29, 2022
Friends - Chalchitra	February 5, 2022
Chalchitra	February 26, 2022
Psychoanalysis of the Movie	March 2, 2022
Marvel vs DC	April 9, 2022
Ambedkar Beyod Constitution	April 3, 2022
The Office Olympics	April 20, 2022
Saarp Seedi aur Cinema	April 27, 2022

FITNESS CLUB	
International Yoga Day	June 21, 2021
Pedal Up	June 27, 2021
Amp Up	July 24, 2021
Fir Gourmet	August 7, 2021
Zumba	September 15, 2021
Squid Game	October 27, 2021
Survival of the Fittest	November 15-21, 2021
Fit Beats	January 19, 2022
Mental Well Being	January 29, 2022
Cycling Community	February 20, 2022
Hustle your Muscle	February 26, 2022
Vision Board	April 9, 2022
Neon Run	April 20, 2022

SOCIAL SERVICE FORUM	
Kaizen - A conversation series	All Saturdays in June 2021
Kaizen - 2	June 12, 2021
Grey Arian of Feminism	August 7, 2021
Ties with Society	August 8-17, 2021
Joy of Giving	September 27 - October 1, 2021
Sustainable Food Drive	October 16, 2021
Rang De Pathshala	November 10-21, 2021
Vision in the Dark	March 16, 2022

FOOD AND NUTRITION CLUB	
Mango Beats	May 26-31, 2021
Let's Cook with Professor Ravi Miglani	August 18, 2021
Tales Loading	September 15, 2021
Sustainable Food Drive	October 16, 2021
Tales Loading	October 27, 2021
Apdu Ahmedabad Launch Event	November 17, 2021
Photography Food Walk	November 20, 2021
Bake Sale	November 24, 2021
Gender based discrimination in workspace: Food Industry	February 16, 2022
Nutrition Reimagined	March 2, 2022
Chop, Sizzle, Serve	April 16-20, 2022

FINE ARTS CLUB	
Gamezarat 2.0	June 26, 2021
Make and Paint	July 24-25, 2021
Recre-Art	September 22, 2021
Resin Art Workshop	October 27, 2021
Rang De Pathshala	November 10-21, 2021
Art Therapy	January 29, 2022
Dreamcatcher Workshop	February 26, 2022
Prayag	April 15-17, 2022

HERITAGE CLUB	
Transitions and Traditions	June 26, 2021
Funkari: Kolam Workshop	July 21, 2021
Qisse: Discuss and Discover	September 22, 2021
Khat Milap: Heritage Postcard Swap	November 19, 2021
Heritage Week - Exhibition	November 19, 2021
Heritage Week - Zardozi Craft and Parsi Cuisine Workshop	November 24, 2021
Heritage Week - India Theme Quiz	November 24, 2021
Funkaari	January 29, 2022
Heritage Yatra	February 26, 2022
Behind the Board	April 20, 2022

STUDENT MAGAZINE CLUB	
Queer Lens	June 18, 2021
TGIF	September 17, 2021
Apdu Ahmedabad Launch Event	November 17, 2021
Samvaad	February 16, 2022
Samvaad	April 27, 2022

LITERARY CLUB	
Health, Society and Reading Habits	May 31, 2021
Plot - Wholes	June 18, 2021
Between the Lines	August 12, 2021
Talking Tycoons	August 18, 2021
TGIF	September 17, 2021
Extempore Competition	October 20, 2021
Booking Reading Session	October 27, 2021
Book Reading	November 10, 2021
The Literary Fest	November 15-17, 2021
Recalling Childhood Literature	January 12, 2022
Book Buddies 2.0	February 23, 2022
Ticket to Write- Poetry Month	April
Ticket to Write	April 13, 2022

PHOTOGRAPHY CLUB	
Shoot with Me	May 16-September 12, 2021
Music Album Cover	May 16-23, 2021
What's your Story	June 4, 2021
Social Media Series on Pride Month	June 14, 2021
Take, Retake	June 25-27, 2021
Video Editing	July 14, 2021
Photo Manipulation with Photoshop	July 28, 2021
What does Independence mean to you?	August 10-15, 2021
Sarkhej Roza Walk	September 18, 2021
Ravivari Street Photography	October 24, 2021
Apdu Ahmedabad Launch Event	November 17, 2021
Photography Food Walk	November 20, 2021
Introduction to Photography	January 30, 2021
Crescent Moon Photography	February 9, 2022
A Glimpse- Day in the Life an Ahmedabad University Student	April 6-13, 2022
Cyanotype Printing	April 27, 2022

MANAGEMENT CLUB	
Brands Face-off	September 8, 2021
Corporate Triathlon	October 13-16, 2021
Udgam Bplan	October 30-31, 2021
The Literary Fest	November 15-17, 2021
Pitch to Lead	January 12, 2022
Union Budget Analysis	February 2, 2022
Fortune Fight	April 6, 2022
Understanding Assertiveness	April 27, 2022

PROGRAMMING CLUB	
Placement Preparation Challenge	June 10-July 10, 2021
Website making Challenge 2.0	June 27-August 4, 2021
IEEE Xtreme	August 21, 2021
The Whack Hack	September 25, 2021
Git Init	October 13, 2021
In Conversation with 7star Coder	October 30, 2021
CP100-Introduction to Competitive Programming	November 24, 2021
Android Study Jams Session 1	December 18, 2021
Android Study Jams Session 2	December 22, 2021
Android Study Jams Session 3	December 26, 2021
Careers in CSE	January 8, 2022
All you need to know about GSoC'22	February 2, 2022
Introduction to Flutter	Mrch 16-23, 2022
Flutter Festival	March 28, 2022
Burnout Vol 6	April 13, 2022

QUIZ CLUB	
Mela Quiz	October 27, 2021
Heritage Week - India Theme Quiz	November 24, 2021
Fresher's Quiz	January 19, 2022
Marvel vs DC	April 9, 2022
Darwin's Exceptions	April 23, 2022

SPORTS CLUB	
Weekly Chess	May 29, 2021
Triathlon-Live Session	July 12, 2021
The mindset of an Olympic Athlete and what it takes to represent the country	September 4, 2021
Ahmedabad University Basketball League	September 8, 2021
Survival of the Fittest	November 15-21, 2021
Sports Cultural Week	January 19, 2022
Closing Ceremony	April 13, 2022

THEATRE CLUB	
Take. Retake	June 25-27, 2021
Catching Glimpses: Unravelling the Craft	July 31-August 2, 2021
Asli Stand Up 3.0	September 29, 2021
Naatya Safar	November 20, 2021
INT Workshop	February 7, 2022

SPORTS ACTIVITIES

With students returning to Campus, Sports Activities were looked forward to and the inauguration of the University Centre with the best-in-class sports facilities boosted the morale of students. Besides the open spaces that encourage outdoor activities, the University Centre offers five indoor badminton courts, one indoor basketball court, two squash rooms, a table tennis area, a futsal court, a running track, and a gymnasium.

UNIVERSITY SPORTS TOURNAMENTS

EVENT	DATE	CATEGORY	CHAMPION	RUNNER UP
Chess	September 25, 2021	Boys/Girls	School of Arts and Sciences	School of Engineering and Applied Science
Table Tennis	September 29, 2021	Boys (Singles)	School of Engineering and Applied Science	Amrut Mody School of Management
Table Tennis	September 29, 2021	Girls (Singles)	NA	NA
Badminton	October 13, 2021	Boys (Singles)	School of Arts and Sciences	Amrut Mody School of Management
Badminton	October 13, 2021	Boys (Doubles)	School of Arts and Sciences	Amrut Mody School of Management
Badminton	October 13, 2021	Girls (Singles)	Amrut Mody School of Management	School of Arts and Sciences
Volleyball	October 24, 2021	Boys	School of Engineering and Applied Science	Amrut Mody School of Management
Volleyball	October 24, 2021	Girls	Amrut Mody School of Management	School of Arts and Sciences
Basketball	October 30, 2021	Boys	Amrut Mody School of Management	School of Engineering and Applied Science
Basketball	October 30, 2021	Girls	Amrut Mody School of Management	School of Arts and Sciences
Lawn Tennis	November 14, 2021	Boys (Singles)	Amrut Mody School of Management	School of Engineering and Applied Science
Lawn Tennis	November 14, 2021	Girls (Singles)	School of Arts and Sciences I	School of Arts and Sciences 2
Cricket	November 17 & 20, 2021	Boys	School of Engineering and Applied Science	Amrut Mody School of Management
Football	November 27, 2021	Boys	School of Engineering and Applied Science	Amrut Mody School of Management
Kabaddi	February 16, 2022	Boys	Amrut Mody School of Management	School of Engineering and Applied Science

INTER UNIVERSITY PARTICIPATION 2021-22

EVENT	HOST UNIVERSITY	CATEGORY	RESULT
Chess	Vivekananda Global University, Jaipur	Boys	Bronze
Cricket	Karnavati University, Gandhinagar	Boys	Champion
Badminton	Karnavati University, Gandhinagar	Mixed	Champion
Cricket	Ahmedabad University, Ahmedabad	Boys	Champion

CRICKET TEAM

Deep Radhani
Amrut Mody School of Management

Gautam Fulwani
Amrut Mody School of Management

Satyavrat Rana
Amrut Mody School of Management

Jagrat Talreja
Amrut Mody School of Management

Rishi Kavadi
Amrut Mody School of Management

Akshat Shah
Amrut Mody School of Management

Satvik Yadav
Amrut Mody School of Management

Shaival Modi
School of Arts and Sciences

Parivash Anklesaria
School of Arts and Sciences

Vatsal Pandya
Amrut Mody School of Management

BADMINTON TEAM

Hemil Shah
Amrut Mody School of Management

Anushka Shah
Amrut Mody School of Management

CHESS TEAM

Tatva Jignesh Vyas
School of Engineering and Applied Science

Krish Navratan Panwar
Amrut Mody School of Management

Ayush Nimesh Patel
School of Engineering and Applied Science

ACTIVITIES BY WOMEN'S DEVELOPMENT CELL

Rasoi: Does it matter who makes the roti?
October 21, 2021

Talk-a-Cola: Gender and Mental Health
October 25, 2021

Stress Management
November 17, 2021

Food Industry: Gender Inequality in the Workspace
February 16, 2022

Yash Patel
School of Engineering and Applied Science

Aum Sayani
Amrut Mody School of Management

Poorav Shelat
Amrut Mody School of Management

Harshavardhan Rathod
Amrut Mody School of Management

Praj Patel
School of Engineering and Applied Science

Bhavya Shah
Amrut Mody School of Management

Dev Desai
School of Engineering and Applied Science

Manthan Patel
School of Engineering and Applied Science

Dhruv Shah
School of Engineering and Applied Science

Sujal Ghatta
Amrut Mody School of Management

Khushi hetalbhair Shah
Amrut Mody School of Management

Ansh Choksi
Amrut Mody School of Management

Dhanya Rajesh Mehta
School of Engineering and Applied Science

Youth-fest: Be the Change Maker
March 25, 2022

Gender And Cyber Security: The Good, The Bad and The Ugly
April 6, 2022

Self Defence: Part 1
April 13, 2022

Self Defence: Part 2
April 20, 2021

THE NALANDA

Dialogue and inquiry are crucial components of human society that help weigh various opinions. The Nalanda builds on this heritage of inquiry and learning to develop independent thinking amongst our community, exchange ideas, and develop bridges between disciplines, cultures, and society. It brings our students in close contact with deep thinkers, conversations with whom build independent-mindedness among them. These have been inspiring and transformational.

This past year, our students attending The Nalanda events travelled through interactions on the Covid pandemic to the Buddhist view of life. We had speakers discussing the spread of the Covid virus and associated challenges, the status of craft workers in our society, a painter's view of society, saving our heritage, the role of money in electoral politics, and the Buddhist way of living.



Gagandeep Kang

Pandemic and its Lessons
for Life and the Society

September 8, 2021



Gulammohammed Sheikh

Living Among Many
Cultures and Times

September 22, 2021



Laila Tyabji

Crafts & Craftspeople -
India's Past or its Future?

November 17, 2021



Rajeev Gowda

Countering Corruption
by Fixing the Flaws in
Financing Elections

February 23, 2022



Abhay Mangaldas

From Revitalising to
'Creating' Heritage

March 22, 2022



Birgit Kellner

Why Study Indian Buddhist
Philosophy?

April 13, 2022

FINANCIAL STATEMENTS

Balance Sheet

Rs. in Crores

Particulars	Schedule	FY22	FY21
FUNDS AND LIABILITIES			
(A) Funds			
Corpus Fund	1	186.24	186.24
Earmarked / Endowment Fund	2	448.16	414.46
Depreciation Funds	3	111.89	95.19
		746.29	695.89
(B) Loans			
Unsecured	4	32.85	11.85
(C) Project Grants			
	5	6.55	5.29
TOTAL		785.69	713.03
ASSETS			
(A) Property Plant & Equipment			
	6	352.27	305.79
(B) Intangible Asset			
	6a	5.01	4.51
(C) Investments			
	7	264.63	255.32
(D) Current Assets, Loans & Advances			
Inventory	8	0.21	0.12
Receivables	9	3.92	9.81
Loans & Advances	10	6.27	3.80
Cash & Bank Balances	11	3.05	3.80
		13.45	17.54
Less: Current Liabilities & Provisions	12	22.84	21.99
Net Current Assets		(9.39)	(4.45)
(E) Income and Expenditure Account			
	13	173.17	151.86
TOTAL		785.69	713.03

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: 18th June 2022

Sanjay S. Lalbhai
President

B M Shah
Registrar

Income and Expenditure Account

Rs. in Crores

Particulars	Schedule	FY22	FY21
INCOME			
Fees (Net)	14	64.76	56.49
Interest Income (Net)	15	0.56	0.95
Other Income	16	5.10	2.59
TOTAL		70.43	60.02
EXPENDITURE			
Employee Emoluments	17	54.30	50.87
Educational Expenses	18	12.47	9.56
Workshops / Events & Meeting Expenses	19	0.52	0.22
Repairs and Maintenance Expenses	20	9.65	7.24
Travelling & Conveyance	21	0.27	0.06
Finance Cost	22	0.01	0.01
Other Administrative Expenses	23	6.40	5.38
TOTAL		83.62	73.34
Operating Surplus / (Deficit) before Depreciation/Amortisation/		(13.20)	(13.32)
Transfer from Earmarked Funds			
Exceptional Items		-	-
Operating Surplus / (Deficit) before Depreciation/Amortisation/		(13.20)	(13.32)
Transfer from Earmarked Funds & Exceptional Items			
Less: Depreciation / Amortisation (Net)	24	(8.11)	(8.96)
Add: Transferred from Earmarked Funds		-	4.04
Surplus / (Deficit) for the year		(21.31)	(18.24)

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: 18th June 2022

Sanjay S. Lalbhai
President

B. M Shah
Registrar

BALANCE SHEET

Schedule attached to and forming part of Accounts

Rs. in Crores

Particulars	Schedule	FY22	FY21
Corpus Funds			
Balance as per last financial statements	1	186.24	186.24
TOTAL		186.24	186.24
Earmarked / Endowment Funds			
Balance as per last financial statements	2	414.46	367.01
Addition : Funds & other income received during the year		46.65	72.44
Deduction : Funds Utilized / Transferred		12.95	24.99
TOTAL		448.16	414.46
Depreciation Fund			
Balance as per last financial statements	3	95.19	77.57
Add: Provided during the year		17.09	17.93
		112.28	95.50
Less: Depreciation on Assets sold during the year		0.39	0.31
NET BALANCE		111.89	95.19
Loans			
Unsecured Loans	4	32.85	11.85
TOTAL		32.85	11.85
Project Grant			
External Project Grant - Facilities	5	5.13	1.61
GICT - Environmental Risk Assessment of Chemicals and Nano Material		0.21	0.24
GICT - NanoTechnology (CENTRA)		0.26	0.27
BIRAC - BioNEST		0.54	2.65
Seed Grants		0.03	0.04
FCRA Projects Grants		0.38	0.48
TOTAL		6.55	5.29

BALANCE SHEET

Schedule attached to and forming part of Accounts

Rs. in Crores

Particulars	Schedule	FY22	FY21
Property Plant & Equipment	6		
Balance as per last financial statements		243.74	230.92
Add: Addition out of Owned Funds		26.04	0.71
Add: Addition out of Project Grant/Earmarked fund of GICT		6.06	12.45
		275.84	244.08
Less: Assets sold during the year		0.43	0.34
		275.41	243.74
Add: Urban Forest (Arboretum)		1.22	0.74
Add: Capital Work in Progress		50.32	59.15
Add: Capital Advances		25.32	2.16
NET BALANCE		352.27	305.79
Intangible Asset	6a		
Balance as per last financial statement		4.51	4.51
Add: Addition out of Owned Funds		0.50	-
NET BALANCE		5.01	4.51
Long Term Investments	7		
Term Deposit with LIC Housing Finance Limited		5.00	5.00
Investment in Bonds		44.56	245.11
Investment in Government Securities		205.88	-
Term Deposit with Banks		9.19	5.21
TOTAL		264.63	255.32
Inventory			
Books and Merchandise	8	0.21	0.12
Receivables	9		
Interest Accrued on Investments		3.90	7.86
Income Receivable		0.00	0.14
Fees Receivable			
Unsecured, Considered Good Unless otherwise Stated		0.02	1.82
Considered Doubtful		0.00	0.08
Less: Provision for Doubtful Receivable		0.00	0.08
Net Fees Receivable		0.02	1.82
TOTAL		3.92	9.82

BALANCE SHEET

Schedule attached to and forming part of Accounts

Rs. in Crores

Particulars	Schedule	FY22	FY21
Loans and Advances	10		
Unsecured, Considered Good Unless otherwie Stated			
Advances Recoverable in Cash or Kind or for Value to be received			
Considered Good (Unless otherwise Stated)		1.50	1.00
Considered Doubtful		-	1.33
Less: Provision for Doubtful Receivable		-	1.33
Net Advances Recoverable in Cash or Kind or for Value to be received		1.50	1.00
Deposits		1.43	0.70
TDS Receivable		0.28	0.25
Interest Free Loan to Students		0.14	0.14
Prepaid Expenses		2.92	1.71
TOTAL		6.27	3.80
Cash and Bank Balances	11		
Cash on Hand		0.01	0.00
Bank Balance			
In Savings Bank Account		3.04	3.80
TOTAL		3.05	3.80
Current Liabilities & Provisions	12		
Current Liabilities			
Sundry Creditors		5.27	5.65
Statutory Dues		1.71	1.27
Deposits from Students		2.26	2.46
Fees Refundable to Students		0.09	0.25
Advance Fees Received		0.77	0.31
Retention Money		0.71	0.62
Outstanding Liability for Expenses		5.56	5.31
Provisions			
Gratuity		3.20	2.94
Leave Encashment		3.27	3.18
TOTAL		22.84	21.99
Income and Expenditure Account	13		
Balance as per last financial statements		151.86	133.89
Prior Period Adjustments		-	(0.27)
Add: Deficit/(Surplus) for the year		21.31	18.24
TOTAL		173.17	151.86

INCOME AND EXPENDITURE

Schedule attached to and forming part of Accounts

Rs. in Crores

Particulars	Schedule	FY22	FY21
Fees (Net)	14		
Tuition Fees		64.77	56.94
Less: Transferred to University Development Reserve		0.01	0.45
TOTAL		64.76	56.49
Interest Income	15		
(Net of allocation of Rs. 20.30 Crores; Previous year Rs. 24.33 Crores)			
On Fixed Deposit		0.42	0.83
On Savings Bank A/c		0.14	0.11
Other Interest Income		0.00	0.01
TOTAL		0.56	0.95
Other Income	16		
Consultancy Income		0.03	0.03
Overhead Recovery		0.31	0.35
Placement & Other Fees		3.51	1.12
Form Fee		0.36	0.32
Service Charges		0.00	0.01
Admission Cancellation Charges		0.13	0.33
Amortization Premium /Discount on Investments		0.34	0.25
Profit on Sale of Investments		0.18	0.15
Sale of Books		0.02	0.02
Other Miscellaneous Income		0.22	0.02
TOTAL		5.10	2.59
Transfer from Earmarked Funds			
To the extent of Expenditure		-	4.04
TOTAL		-	4.04
Employee Emoluments	17		
Salary, Allowances and Bonus		48.39	43.63
Contribution to Retirement Funds		3.15	3.95
Staff Welfare		0.81	0.36
Honorarium		1.95	2.93
TOTAL		54.30	50.87

INCOME AND EXPENDITURE

Schedule attached to and forming part of Accounts

Rs. in Crores

Particulars	Schedule	FY22	FY21
Educational Expenses	18		
Students Educational Activities		3.73	3.49
Financial Aid to Students		5.68	4.56
Faculty Development		0.91	0.81
Fellowship to students		0.64	0.35
Accommodation Charges		0.33	0.00
Sports and Games		0.07	0.01
Consumables		0.20	0.04
Other Educational Expenses		0.91	0.30
TOTAL		12.47	9.56
Workshops / Events & Meeting Expenses	19		
Workshops, Events & Seminars (Net)		0.31	0.21
Meeting & Conferences		0.21	0.01
TOTAL		0.52	0.22
Repairs and Maintenance Expenses	20		
Building Repairs and Maintenance		4.61	2.72
Campus Development		0.34	0.15
Repairs to Furniture/Equipment/Computer & Others		1.94	1.65
Software Maintenance Charges		0.59	0.57
Security Expenses		1.61	1.54
Rates and Taxes		0.44	0.39
Website Charges		0.12	0.22
TOTAL		9.65	7.24
Travelling & Conveyance	21		
Domestic		0.24	0.06
Foreign		0.03	-
TOTAL		0.27	0.06
Finance Cost	22		
Bank Charges		0.01	0.00
Interest on Bank Overdraft		0.00	0.01
TOTAL		0.01	0.01

INCOME AND EXPENDITURE

Schedule attached to and forming part of Accounts

Rs. in Crores

Particulars	Schedule	FY22	FY21
Other Administrative Expenses	23		
Utilities		2.23	1.26
Communication		0.35	0.26
Public Relation Activity		1.16	0.60
Insurance		0.28	0.19
Recruitment		0.93	0.23
Stationery and Printing		0.33	0.19
Legal & Professional Fees		0.32	0.33
Audit Fees		0.03	0.03
Sundry Balances Written Off		0.01	0.38
Other Miscellaneous Expenses		0.74	0.48
Provision for doubtful Receivables		-	1.41
Loss on sale of Property Plant & Equipment (Net)		0.02	0.02
TOTAL		6.40	5.38
Depreciation & Amortisation	24		
Depreciation for the year		17.09	17.93
Less: Transferred from Earmarked Funds		8.98	8.97
TOTAL		8.11	8.96

SCHEDULE 25: SIGNIFICANT ACCOUNTING POLICIES

1. ACCOUNTING CONVENTION

The financial statements are prepared in accordance with the Indian Generally Accepted Accounting Principles (GAAP) under the historical cost convention, and on the accrual method of accounting and Accounting Standards as Notified by the Institute of Chartered Accountants of India.

2. USE OF ESTIMATES

The preparation of Financial Statements in conformity with Indian GAAP requires the management to make estimates and assumptions in the reported amounts of assets and liabilities (including contingent liabilities) as of the date of the financial statements and the reported income and expenses during the reporting period. Management believes that the estimates used in preparation of the financial statements are prudent and reasonable. Future results could differ from these estimates. Difference between the actual results and estimates are recognized in the period in which the results are known or materialize.

3. PROPERTY, PLANT & EQUIPMENT (PPE)

PPE are stated at cost of acquisition inclusive of freight, duties and taxes and incidental and direct expenses related to acquisition.

PPE received by way of Donation are capitalized at values stated, by corresponding credit to Capital/Corpus Fund.

Capital Work in progress includes cost of PPE that are not ready for intended use as at Balance Sheet date and is disclosed under PPE.

4. INTANGIBLE ASSETS

Intangible assets are stated at their cost of acquisition, less accumulated amortization and impairment losses. An intangible asset is recognized, where it is probable that the future economic benefits attributable to the asset will flow to the enterprise and where its value/ cost can be reliably measured.

The Institute capitalizes software and related implementation costs where it is reasonably estimated that the software has an enduring useful life.

5. DEPRECIATION

Depreciation of addition to PPE has been provided on pro rata basis i.e. from the date of put to use.

The depreciation has been provided on Written down Value Method at the rate as specified in the Guidance Note on “Accounting for Schools” issued by the Institute of Chartered Accountants of India except for:

- Building Improvements on Straight Line Method over a

- period of 10 years;
- ERP Software amortized over 5 years and Other Softwares over 3 years;
- Other Software and Assets given to employees amortized over 3 years; and
- The depreciation rates for all other assets provided on Written down Value Method are as listed:

Sl.	Nature of Asset	Rate of Depreciation
1.	Building	5 %
2.	Electrical Installation	20%
3.	Plant & Machinery	20%
4.	Office Equipment	20%
5.	Audio Visual Equipment	20%
6.	Computer & Peripherals	40%
7.	Furniture, Fixtures & Fittings	25%
8.	Vehicles	25%
9.	Library Books	50%
10.	Scientific Equipments	20%

Assets costing individually Rs. 5,000/- or less, wherever applicable, are depreciated at the rate of 100%.

Depreciation in Income & Expenditure Account is net of the amount of depreciation transferred from related earmarked/ capital funds.

6. REVENUE RECOGNITION

Fees from Students are recognized on accrual basis and accounted for on the basis of the period of academic year. Interest on Investments is recognized on accrual basis.

Income from ongoing Research Projects, Consultancy Projects and Open Enrolment Programs, at year-end, is recognized in Income & Expenditure Account to the extent of expenditure incurred and proportionate University's share appropriated during the year under the respective project/ program, if any. Income from Blended Learning Programs and Customized Education Programs is recognized on an accrual basis.

Donations/contributions are recognized on its ultimate collection.

7. INVENTORY VALUATION

Inventories comprise of Books and Merchandise and are valued at lower of cost or net realisable value. The cost includes cost of purchase and related direct costs. The cost of inventory is arrived at using the weighted average method.

8. FOREIGN CURRENCY TRANSACTIONS

Transactions denominated in foreign currency are accounted at the exchange rate prevailling at the date of transaction. Foreign currency monetary items outstanding at the balance sheet date are restated at the yearend rates.

Income or Expense, if any, on account of exchange difference either on settlement or on translation is charged to revenue.

9. INVESTMENTS

Investments classified as “Long term investments” are carried at cost (Includes unamortized premium paid on it). Premium on acquisition of investment has been amortized pro rata up to the date of maturity.

10. EARMARKED / ENDOWMENT FUNDS

Earmarked

Long Term Funds are earmarked for specific purpose and the same has been invested in Government Securities, Bonds and Term Deposits with Banks. The income from Investments is credited to respective funds based on average rate of interest earned on investments as the University has a pool of investments and the same has been allocated in the ratio of the average monthly closing balances in each fund. The expenditure and advances are debited to the fund. The assets created out of Earmarked Funds where the ownership vests in the University, are merged with the assets of the University by crediting an equal amount of the Capital Fund. The balance in the respective funds is carried forward.

Endowment

Endowment are fund received from various individual donors, Trusts and other organizations, for establishing Chairs and for Medals & Prize, as specified by the Donors. The same has been invested in Government Securities, Bonds and Term Deposits with Banks.

The income from Investments is credited to respective funds based on average rate of interest earned on average investments as the Institute has a pool of investments and the same has been allocated in the ratio of the average monthly closing balances in each fund. The expenditure on Medals & Prizes is met from the interest earned on investment of the respective Endowment Funds and the balance is carried forward.

In respect of Chairs, Corpus of the Endowment can be used in case of shortfall of interest income. The balances are represented by Investments and Accrued Interest.

11. EMPLOYEE BENEFITS

Defined Contribution Plan

Retirement Benefit such as Provident Fund, which is defined contribution, is provided for on actual basis as and when the contribution accrues.

Defined Benefits Plan

Gratuity, a defined benefit obligation, is funded through LIC of India. The liability is accrued and provided for on the basis of actuarial valuation report, as at the Balance Sheet date. Accumulated Leave encashment benefit payable on death/ retirement is accounted on accrual basis as per the Actuarial Valuation report.

12. GRANT/DONATION

Grants are accounted on the basis of sanction received from the Government Department or the donor.

Grants in respect of specific fixed assets are treated as Capital Grant. Capital Grants are treated as deferred income and recognized in the Income and Expenditure Account on a systematic and rational basis over the useful life of the assets i.e. Capital Grant are allocated to income in the proportion in which depreciation is charged.

Grants for meeting Revenue Expenditure (on accrual basis) are reduced to the extent utilized in the year in which expenses are incurred.

Unutilized grants are carried forward and exhibited as a liability in the Balance sheet.

13. INCOME TAX

The income of the University is exempt from Income Tax under section 12AA of the Income Tax Act, hence no provision for Tax is therefore made in the accounts.

14. PROVISIONS, CONTINGENT LIABILITIES AND CONTINGENT ASSETS

Provisions involving a substantial degree of estimation in measurement are recognized when there is a present obligation as a result of past events and it is probable that there will be an outflow of resources. Contingent liabilities are not recognized but are disclosed in the accounts by way of a note. Contingent assets are neither recognized nor disclosed in the financial statements.

SCHEDULE 26

Notes forming part of Accounts

Rs. in Crores

Particulars

FY22

FY21

1. CONTINGENT LIABILITY

Contingent liabilities not provided for

(i) Claims against Company not acknowledged as debts

- -

(ii) Guarantees given

- -

(iii) Disputed demands in respect of Service Tax

1.64 1.64

Notes: It is not practiable for the University to estimate the timing of cash outflows if any, in respect of the above pending resolution of the respective proceedings

2. CAPITAL COMMITMENT

Capital Contracts remaining to be executed and not provided for

2.13 55.44

3. EXPENDITURE IN FOREIGN CURRENCY

Foreign Travel & Workshop Expenses

0.03 0.01

Argosy Faculty Collaborative Exchange Programme Workshop

- 0.06

Payment to Visiting Faculties

0.26 0.87

Payment towards fees for Technical Service

0.09 0.02

Payment for Study Material Access

0.18 0.67

Payment made against Grant Expenses

0.57 0.32

Recruitment Expense

0.05 0.06

Payment made for Purchase of Scientific Equipments

0.35 0.11

Membership and Subscription

0.21 -

TOTAL

1.74 2.12

4. DETAILS OF MOVEMENT IN EARMARKED FUNDS

Addition during the Year

Fund created out of Fees

0.01 0.45

Interest Income

20.26 24.23

Other Income (FY20-21: Rs. 1,370/-)

- 0.00

Donation Received

20.32 35.31

Fund created for Capital Expenditure

6.06 12.45

TOTAL

46.65 72.44

Deduction made during the Year

Recurring expenditure incurred

0.35 0.22

Transferred to Income & Expenditure A/c to the extent of Depreciation

8.98 8.97

Transferred to Income & Expenditure A/c to the extent of Financial Aid

- 4.04

Capital Expenditure incurred

3.62 11.76

TOTAL

12.95 24.99

SCHEDULE 26

Notes forming part of Accounts

5. CURRENT ASSETS, LOANS AND ADVANCES

In the opinion of the Management, current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

6. TAXATION

The University is registered under section 12AA of the Income Tax Act, 1961. In the absence of any taxable income, the tax provision has not been considered necessary.

7. Figures less than Rs. 50,000 which are required to be shown separately, have been shown actual in brackets.

8. Corresponding figures for the previous year have been regrouped / rearranged, wherever necessary to make them comparable with those of current year.

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: 18th June 2022

Sanjay S. Lalbhai
President

B. M Shah
Registrar



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Member

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Member

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Ahmedabad University

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Founder, *Motif Inc*

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Co-Founder, *Mindtree*

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Coolidge Professor of History
Harvard University
Visiting Professor
Ahmedabad University
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Founder and CEO, *Eyesystem*
Co-Founder, *Centre for Eye
Genetics and Research*
Member

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*Centre for Cellular and Molecular
Biology*
Member

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Theorist and Independent
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Institute for Plasma Research
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Professor of History, *Global
Network Professor, New York
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Co-ordinator
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MITESHKUMAR VALAND
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PRINCY ANTONY
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PATRONS AND ONGOING SUPPORT

PATRONS

SIDDHARTHA KADIA AND ANJOU PAREKH

- Established The Rasila and Chandrakant Kadia Endowed Visiting Professorship
- Established The Rasila Kadia Excellence in Research Award for Doctoral Students
- Established The Chandrakant Kadia Award of Merit for Graduate Management Students

DEVANATH TIRUPATI

- Established the Suseela and Subrahmaniam Tirupati Need Based Scholarship
- Established a Gold Medal for Graduate Management Students

BALAJI PRAKASH AND SUTAPA MUKHERJEE

- Established The Maya and Nitya Ranjan Need Based Scholarship

NAMANN PIPARA

- Established a Need Based Scholarship

VIRAL VAISHNAV AND FRIENDS

- Established a Need Based Scholarship

FACULTY, STAFF, ALUMNI, AND STUDENTS OF AHMEDABAD UNIVERSITY

- Established the Tenth Year Scholarship Fund for Students

ONGOING SUPPORT

SUBROTO AND SUSMITA BAGCHI

- Established an Endowed Chair Professorship in Public Health

DEEPA JOSHI AND PANKAJ CHANDRA

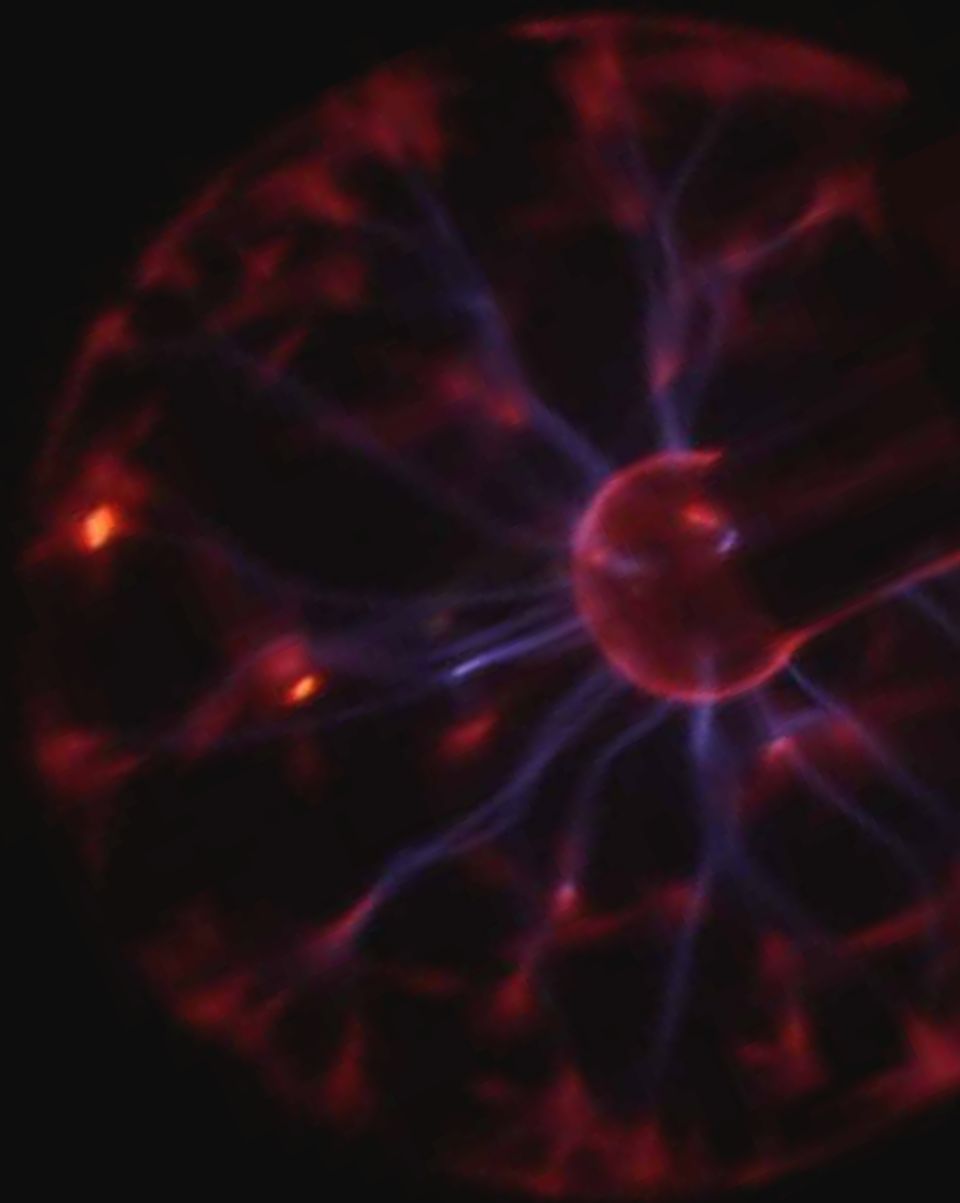
- Established the Meera and Mohan Chandra Joshi Scholarship for Bachelor of Arts in Psychology

B M MULYE

- Established the Professor B M Mulye Book Scholarship for Higher Studies in Economics



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Cover Photo: A Plasma Globe is a useful physics tool to demonstrate electric gas discharge, plasma, and plasma filamentation, which is similar to lightning, a naturally occurring electrostatic discharge.

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