

**INSTITUTE OF ARCHITECTURE
AND PLANNING
NIRMA UNIVERSITY**

M.ARCH PROGRAMME

Admission

'24

Information Brochure



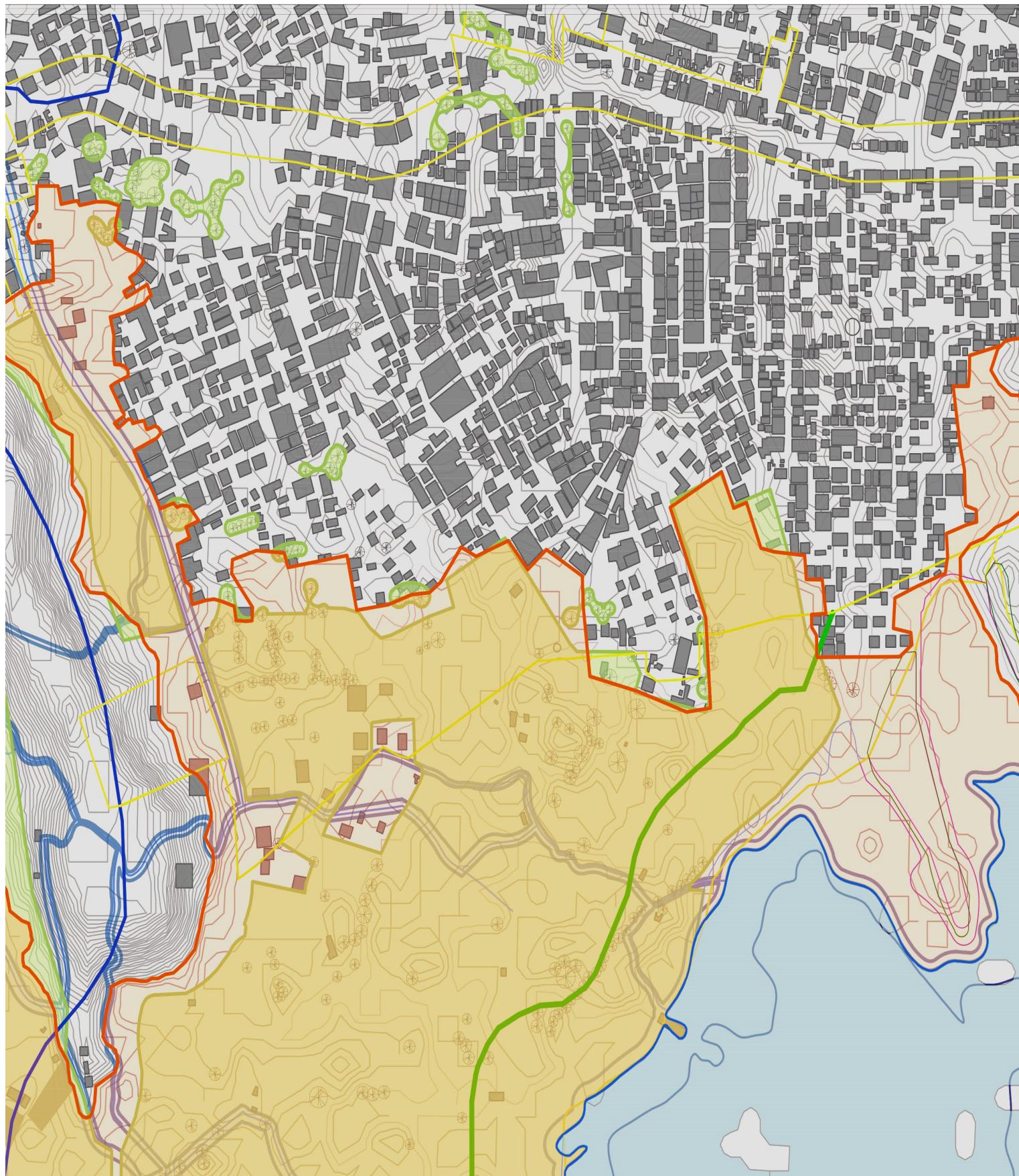




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NIRMA UNIVERSITY AT A GLANCE

NIRMA EDUCATION AND RESEARCH FOUNDATION

Nirma Education and Research Foundation (NERF) was established in 1994 by the renowned industrialist and philanthropist, Dr. Karsanbhai K. Patel, to promote and support higher education in India. The NERF is a trust chaired by Dr. Karsanbhai K. Patel.



NIRMA UNIVERSITY

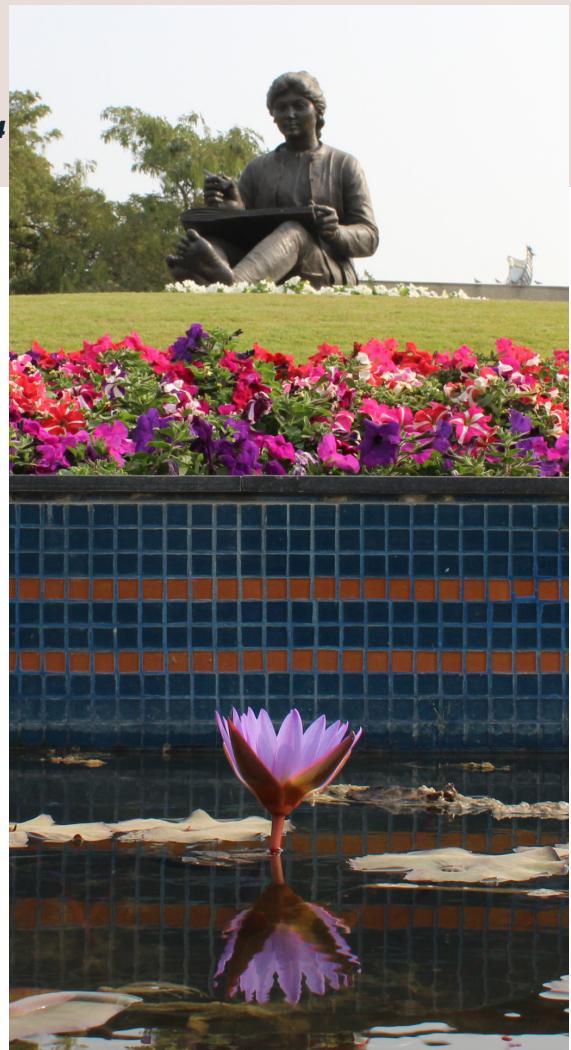
Established in the year 2003, the Nirma University, Ahmadabad is a research-oriented, student-centric, multidisciplinary, not-for-profit state private university. Within a short period of its existence, it has emerged as a nationally renowned higher education institution. The University and its constituent institutes are highly ranked by different ranking agencies. Nirma University is duly recognized by the University Grants Commission (UGC) under Section 2 (f) of the UGC Act. The University is accredited by the National Assessment and Accreditation Council (NAAC). The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU). The university received the Centre of Excellence (CoE) status from the Government of Gujarat in January 2022. Dr Karsanbhai K Patel, Chairman, Nirma Group of Industries and Nirma Education and Research Foundation (NERF), is the President of the Nirma University. Under his leadership, the University is expanding every passing year and moving from strength to strength.

INSTITUTE OF ARCHITECTURE AND PLANNING, NIRMA UNIVERSITY

Since 2014

The Institute of Architecture and Planning at Nirma University (IAPNU) was founded in the year 2014 with a 5-year Bachelor in Architecture (B.Arch.) program along the vision of Padma Shri Dr Karsanbhai K. Patel and under the leadership of reputed architect, planner and academician Dr. Utpal Sharma. The Institute also offers full-time and part-time doctoral program in Architecture and Planning. A 2-year Master's in Architecture (M. Arch.) program in Urban Design was commenced in the year 2022. Both programs, B. Arch. and M.Arch., are approved by the Council of Architecture, New Delhi, India.

The Institute of Architecture and Planning (IAPNU), Nirma University aims to provide high-quality education in Architecture, Urban Design, and Planning with a focus on the built environment and human settlements. The institute provides opportunities for young aspirants to interact and learn through hands-on experiences and exposure to real-life projects, allowing them to explore their creative potential and build an intellectual foundation for the future.



Innovation, quality, and excellence are the key driving forces on the campus which have translated the vision of the University Institutions into reality. Today, the campus vibrates with not only world class curricular activities, but also with myriad activities like international conventions, symposium, conferences, student competitions, conclaves, short-term industry relevant programmes, cultural activities, etc.

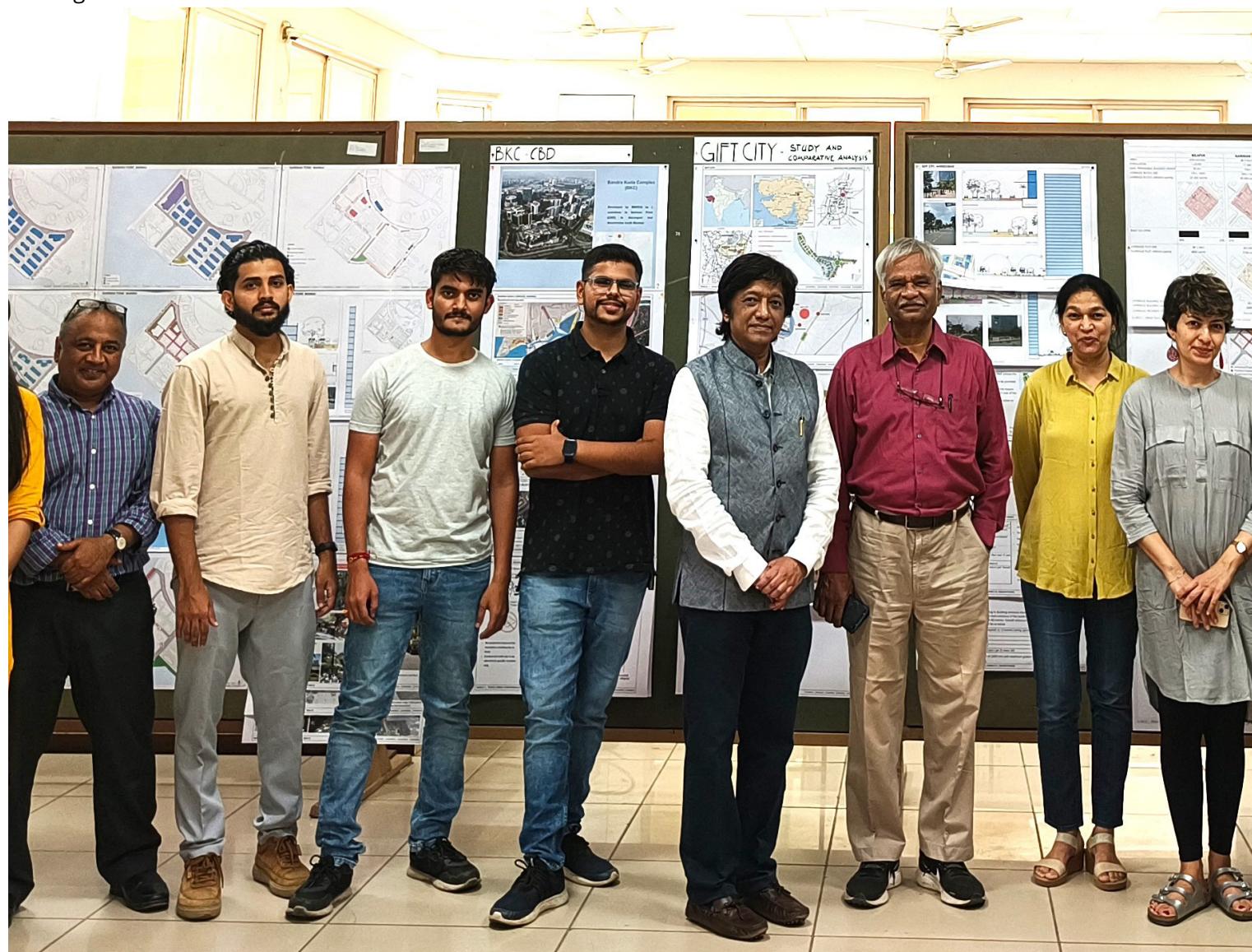
ACCREDITATION

Nirma University has been accredited with Grade "A+" by National Assessment and Accreditation Council (NAAC) in 2022. NAAC is an autonomous body established by the University Grants Commission (UGC) to assess and accredit higher education institutions in the country. This accreditation status indicates that Nirma University and all its constituent Institutes meet the standards of quality as set by NAAC, in terms of performance related to curricular aspects, teaching-learning, evaluation, research, innovations & extension, infrastructure & learning resources, student support & progression, governance, leadership & management, institutional values & best practices.

Nirma University was awarded the Centre of Excellence (CoE) status by the Government of Gujarat in the International Conference of Academic Institutions, part of the Vibrant Gujarat Education Summit 2022.

Several undergraduate program of the Institute of Technology are accredited by the National Board of Accreditation (NBA) in Tier-I format.

The National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India has consistently ranked Nirma University among the top 100 institutions in the country. The NIRF framework outlines a methodology to rank institutions across the country. Institute of Architecture and Planning was placed at 22nd position in NIRF ranking 2023.



APPROVALS

Institute of Architecture & Planning is a constituent Institution of the Nirma University, a statutory university established under the Gujarat Government Act, 2003 (amended in 2009). The University is recognized by the University Grants Commission (UGC) under



INTERNATIONAL ALLIANCE

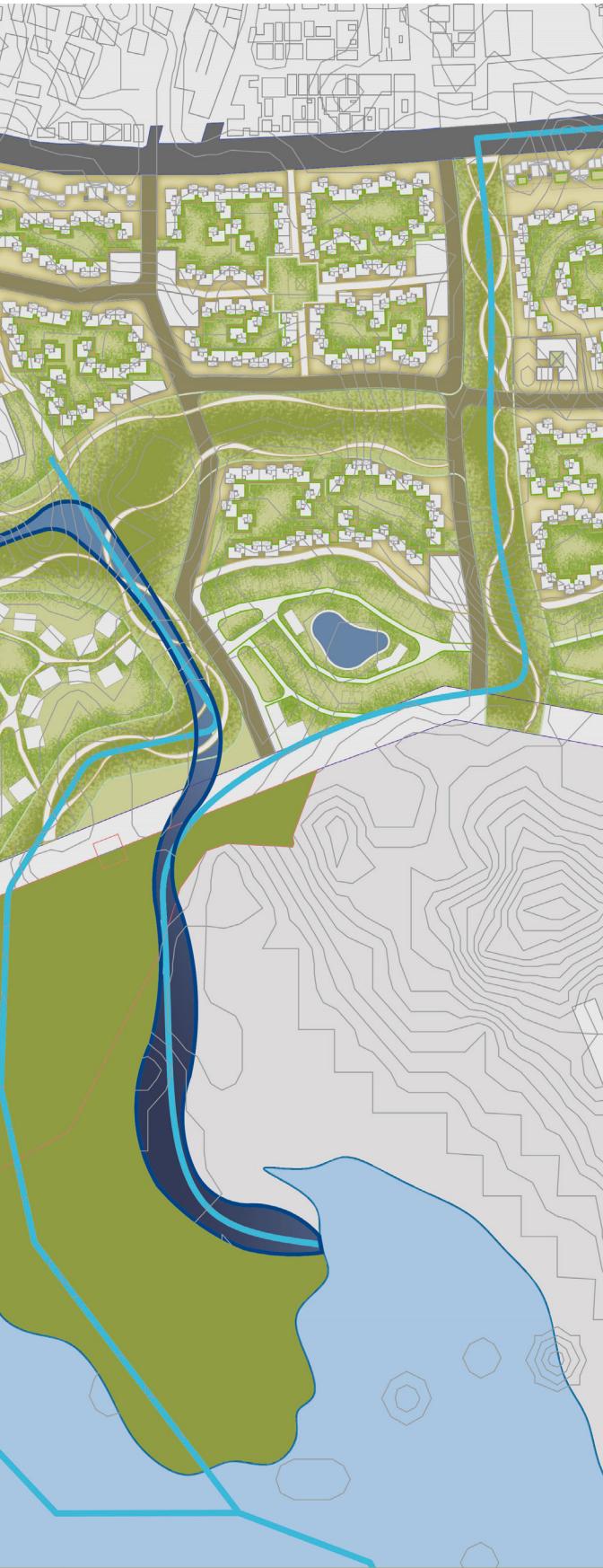
The Institute of Architecture and Planning has joined hands and established collaborations with both national and international universities, institutes, and organizations, all through the formal signing of 'Memorandum of Understanding' agreements. These partnerships have significantly expanded learning avenues through various channels such as student exchanges, faculty exchanges, collaborative research projects, joint publications, and cooperative workshops. Such initiatives encourage interactions with international students and experts, thereby providing essential global exposure to the wider community of the IAPNU.





8 To create a knowledge center by positioning the institute at the interface of profession and society while imbibing a concern for the environment and sustainable solutions.

IAPNU PROGRAMMES



M. ARCH (URBAN DESIGN)

2 Years

The Master of Architecture (M. Arch.) Urban Design program at the Institute of Architecture and Planning, Nirma University, is dedicated to the re-thinking and re-imagining of the urban future. In alignment with the institute's dedication to societal and environmental well-being, students from a variety of backgrounds are encouraged to engage in a critical examination and analysis of urban challenges. They collaborate to devise and execute strategies for development and transformation within urban environments. Upon completion of the program, graduates will possess a comprehensive understanding of urban

Photo left

Director Utpal Sharma
Interacting with M.Arch students

Photo right

Professor PVK Rameshwar discussing the work
of M.Arch
students in the final jury of
Urban Design Studio I, 2022.



M.ARCH (URBAN DESIGN) **PROGRAMME**

M.Arch Urban Design program at Nirma University, where innovation meets expertise in addressing contemporary urban complexities. With a core emphasis on elevating livability and sustainability, students are empowered to re-imagine urban landscapes for a brighter, more inclusive future.

One cannot make architecture without studying the condition of life in the city.

- Aldo Rossi



Indian cities are undergoing a very rapid urban development and transformation with profound socio-cultural, economic and environmental implications. Migration from rural to urban areas has reached unprecedented levels and the resultant development and transformation of urban areas poses greater challenges to create socially and economically inclusive public realm in the cities. Also, in the recent times of environmental and health crisis, cities now will have to be re-imagined in creating livable as well as environmentally sustainable future. Urban Design is the physical organization of cities and

towns in terms of architecture, infrastructure, and so on. It also involves the creation and implementation of various processes intended to allow for successful future development.

Program Intent

The program prepares highly qualified and creative professionals for the 21st century in the field of Urban Design with an intention to :

1. Address the present challenges to make communities and cities more liveable and environmentally sustainable.
2. Understand and analyze the urban environment and its systems, at varying scales such as city, neighborhood and community.
3. Navigate a globalized and networked culture while sustaining local traditions.
4. Collaborate with multi-disciplinary organizations.
5. Re-imagine and create solutions using innovative methods and technologies.

Key characteristics:

The M.Arch program at Institute of Architecture and Planning, Nirma University completed 2 years at the end of academic year 2024. The M. Arch program in Urban Design offers post-graduate opportunity to our existing students. The M. Arch program in Urban Design is duly approved by Council of Architecture.

The multi-disciplinary nature of the course has a huge potential to take advantage of other programs and courses at the Nirma University. It will also bring cohesion and collaboration among the institutes. Labs and research at the institutes will also facilitate collaboration with peers.



Program Objective:

The program objectives are as follows :

1. To prepare the students in developing a holistic view of the city as a basis for re-thinking and re-imagining the city/city components.
2. To contribute to a clearer understanding of cities, particularly of Indian cities, through research, documentation and urban design interventions in 3rd dimension.
3. To contribute to the urban design knowledge base through primary/ secondary research, theoretical pursuits and publications.
4. To address the various urban design issues that are faced by cities through studio exercises, sponsored research and publications in collaboration with other organizations and stakeholders.

M.Arch - Career Prospects:

Urban Designers make significant contribution

as members of multidisciplinary teams dealing with the formulation and implementation of urban development programs and policies. Post-graduates with M. Arch in Urban Design program will be advanced urban design practitioners prepared for careers in a variety of professional settings in urban design; urban and regional planning; public and urban policy; strategic design; development of social, cultural, and environmental enterprises; and urban research and analysis.

Post-graduates with M. Arch in Urban Design program will:

- Work and collaborate with Architecture and Urban Design firms, developer and construction firms, central government agencies, state government agencies, urban local bodies, municipal corporations, private sector infrastructural development, private practice and not-for-profit organizations.

- pursue doctoral level study or other research



PROGRAMME HIGHLIGHTS

- 1. Faculty members with multi-disciplinary expertise
- 2. People Centric Interventions
- 3. Teaching/ Research Stipend of Rs 8000 /- per month available for all students
- 4. Industry Connect: Design led Research
- 5. Placements with reputed Urban Design Practices

Studio based learning

Studio based learning is a proven method for active and creative learning process at the Institute. Through the studio-based approach students learn basic creative thinking tools, engage in problem solving models and deal with real-life like problems and challenges under the guidance of multiple teachers. It employs the four fundamental thinking strategies of learning; analytical thinking, reasoning skills, creative thinking and critical thinking. The core course

assigned credits, whether it is theory, practical or workshop based. The curriculum is flexible and student centric approach wherein they can select from a pool of electives as per their interest and inclination. Every student has to complete certain minimum number of credits every semester and a choice of electives allows students greater flexibility to manage their learning objectives and goals within the larger framework of the Institute.

Architectural design is a creative act which primarily evolves out of characteristic of site, client and program requirements, but more importantly it needs to be anchored to the fundamental values of the 'context' and 'society'. The role of an Architect is to make relevant and informed choices as a citizen subsequent to critical thinking and inquiry, whereby every creative act, both in private and public realm, would become 'a proposition about the future'.

- Prof. Jaydeep Bhagat, Institute of Architecture & Planning

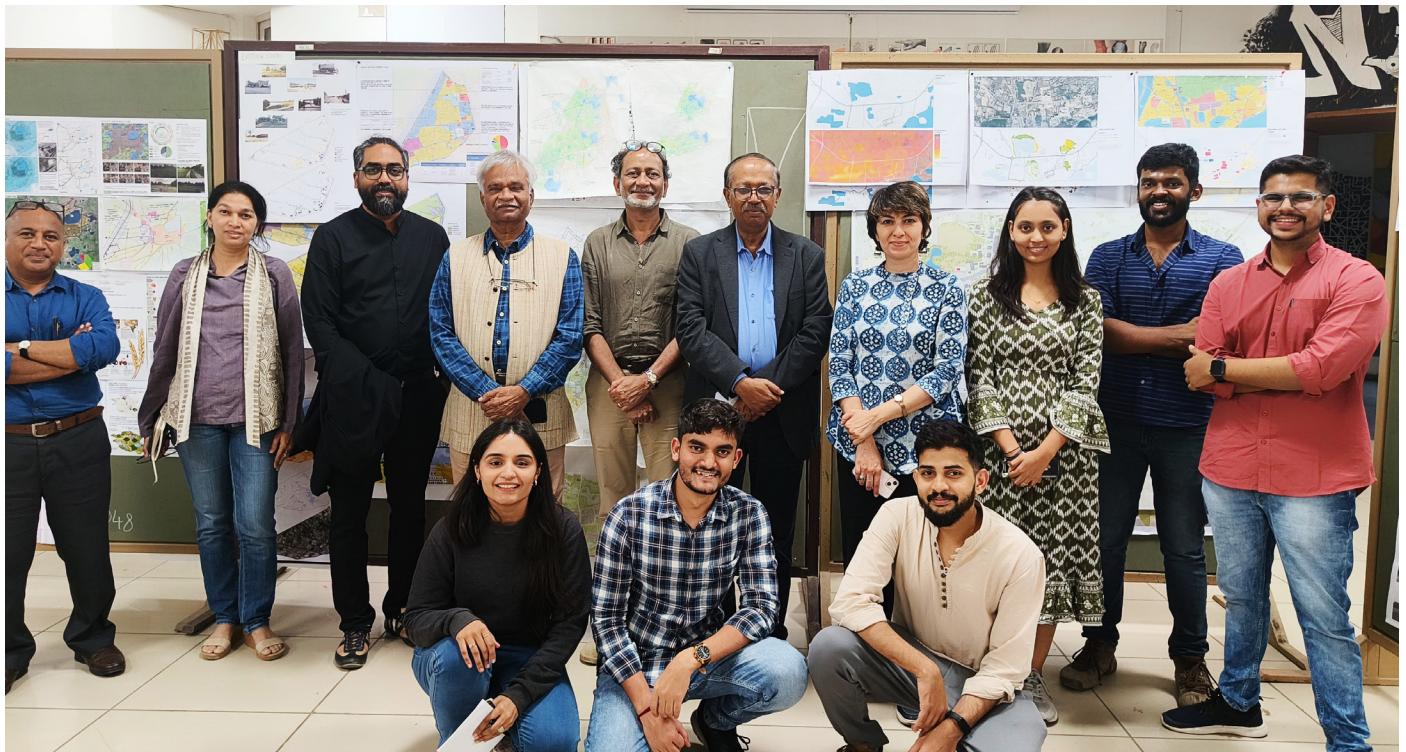
of 'Design Studios' employs learning through reflection wherein the student reflects on their work in an evolving iterative process of design while also integrating the knowledge from several theory subjects.

Flexible Curriculum

The curriculum consists of core course, elective courses, value added and supplementary courses. Each core and elective course are

Related Study Programme (RSP)

RSP are national and international educational study visits undertaken under the guidance of faculty members. They are 3-week long rigorous programmes wherein documentation of historical, vernacular and modern architecture and settlement planning is undertaken through measured drawings, sketches, photography, diagrams, etc. RSP's are active and experiential learning tools wherein students witness the interrelationships of socio-cultural, technological,



M.Arch students interacting with professional experts and Industry collaborators during their Studio reviews at Nirma.

environmental and economic aspects of our society through careful and thorough inspection, documentation and analysis.

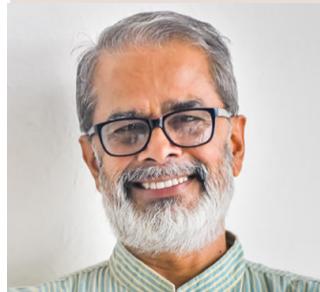
The specialization in Urban Design is offered to develop the understanding of the students in physical planning, population dynamics and economic growth beyond just urban areas. They are taught to judiciously allocate resources and anticipate infrastructure and public service needs both at local and regional level. It involves balancing economic activity, urban sprawl, community needs and environmental preservation while making decisions for Urban Local Bodies and larger geographic areas.

INFRASTRUCTURE

Basic to any development, Infrastructure forms the backbone of any growth. Both Physical and Social infrastructure reflect progress of an area, rural or urban. The specialization aims to help students' design, plan and manage essential infrastructure services in residential, commercial and industrial areas.

ADVISORY COMMITTEE

The Guiding Light



PROF. R. SHANKAR

Ex Professor, IIT, Roorkee

Prof. R. Shankar is former Professor & Head of Department of Architecture and Planning in the Indian Institute of Technology Roorkee, India. He has been involved as an academic and technical expert with various govt., non-govt and academic institutions.



PROF. RANJIT MITRA

Former Head Dept. of UD SPA

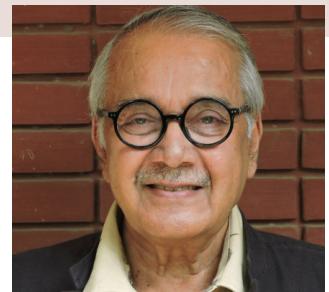
Prof. Ranjit Mitra have a career spanning over 40 years, largely devoted to academics, professional practice and research and continuing post-retirement, in the field of urbanism, Urban design and Urban research.



PROF. S K DAS

Ex Professor, IHS, Rotterdam.

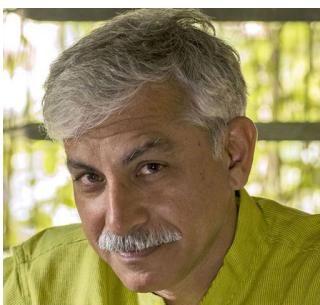
Prof. S K Das is the Principal and Head at SK Das Associated Architects, New Delhi. Earlier he was associated with academics and consultancy at the Institute for Housing and Urban Development Studies (IHS), Rotterdam.



K. T. RAVINDRAM

Former Dean of SPA , Delhi

He is a distinguished architect and urban designer known for his innovative contributions. With a career marked by creativity and sustainability, he has left an indelible mark on the field. As a thought leader and educator, his work inspires and shapes the future of urban design.



AR. RAJIV KATHPALIA

Partner, Vastu Shilpa Consultants

Ar. Rajiv Kathpalia is Partner, Vastu Shilpa Consultants (VSC), the multi-disciplinary practice founded in 1955 by the Pritzker laureate Balkrishna Doshi. Renowned for his institutional designs, he has won several national and



DR. LAURENT LESCOP

Professor, ENSA Nantes,

Prof. Laurent Lescop is Professor at the Nantes' Superior School of Architecture (ENSA Nantes) and researcher at AAU – UMR|CNRS 1563. He has worked 10 years as an architect and is specialized



DR. KIRAN SHINDE

Senior Lecturer, La trobe Uni.,

Dr. Kiran Shinde is the convener of Planning program at La Trobe University in Australia. He was awarded the coveted Asian Townscape Award in 2017 by UN - Habitat for his project on revitalization of a



JAYESH HARIYANI

Founder and Chairman of INI Design Studio

Jayesh Hariyani is the visionary founder and CEO of INI Design Studio, a renowned firm synonymous with cutting-edge architectural and sustainable design solutions. blend aesthetics with functionality.

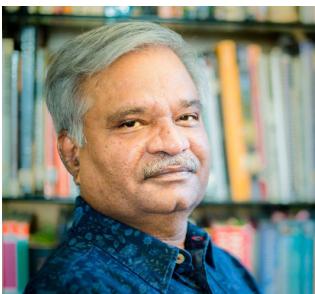
CORE FACULTY MEMBERS



The Institute of Architecture & Planning has faculty members who are experienced in academic and professional domain. Their experience complemented with industrial affiliations makes the process of teaching and learning an interesting one for students. (IAPNU) environment provides an easy free flowing interactive space between faculty members and students. Through collective participation in competitions, case studies and academic papers, faculty members contribute regularly to the resilient field of planning. Each student of the Institute is assigned a faculty mentor who guides his/her academic and career aspirations. They are also the sounding board throughout a student's academic journey at the University.

UTPAL SHARMA *Director*

PhD, M.Arch (McGill University, Canada), M.Plan -Urban & Regional Planning CEPT University



PVK RAMESHWARI *Professor*

M.Arch in Urban Design (Washington University, USA)



PROF. VINAY SHAH *Design Chair*

M.C.P., M.U.D (MIT, Cambridge, USA)



PROF. JAYDEEP *Professor*

M.Arch in Landscape Urbanism (Univ. of Illinois, Chicago, USA)



DEVAL GANDHI *Assoc. Professor*

M.Arch in Urban Design (Berlage Institute, Netherlands)



DR. APARNA *Assoc. Professor*

PhD, M.Tech in Urban & Regional Planning (CEPT Uni.)



DR. TANUSHRI MOKDE *Assoc. Prof.*

PhD, M.Tech in Urban Planning (VNIT, Nagpur)



POOJA RAVAL *Assistant Prof.*

M.Arch in Urban Design (CEPT University)



DR. SWATI *Assistant Prof.*

PhD, M.Plan in Environmental Planning (CEPT University)

VISITING FACULTY MEMBERS



DR. C N RAY

With a Master's degree in Urban Planning and decades of experience, he stands at the forefront of sustainable city development. As a respected figure in the field, he has dedicated his career to shaping urban environment. He spearheads transformative projects aimed at creating vibrant,



NEELA MUNSHI

She is an accomplished town planner with a Master's degree in Urban Planning and extensive experience in crafting sustainable communities, and currently serves as the Lead Urban Planner at a renowned urban development consultancy. Her expertise is in urban design, stakeholder engagement and project management



POONAM TRAMBADIA

She is a Conservation Architect who has worked on the rapidly vanishing Parsee architecture, culture and heritage and research of Urban heritage and governance. In Ahmedabad, she has worked on several projects such as conservation assessment of buildings designed by Louis Khan on the IIM Ahmedabad campus, restoration of fortification walls



PEEYUSH PUROHIT

He is equipped with a Master's degree in Urban Regional Planning excels in planning with a focus on infrastructure development. Currently serving as a Private Consultant, he spearheads initiatives aimed at enhancing urban connectivity



MEHRNAZ

She is a dedicated urban planner with a Bachelor's degree from Tehran and Master's degree in Urban Planning from Toronto, specializes in crafting sustainable and livable cities. She is also a Visiting Faculty at Anant University. With a passion for community engagement, she champions initiatives that prioritize equity and resilience in urban development.



VISHAL DUBEY

He holds a Master's degree in Urban and Regional Planning from CEPT and PhD from IIT, Madras. For almost a decade and aside from his professional practice, he has been engaged in research on metropolitan strategic plan, urban development plan and climate change issues on sustainability with national



REEMA PRAJAPATI

She is an architect and an urban planner with experience as a transport planning specialist with total 12 years of experience. Her expertise includes public transport planning and implementation, transit integration, street design and development, parking, multi-modal planning, station area development and capacity building.

CURRICULUM DESIGN

The following table shows Programme Structure and the number of core theory courses, hands on application based studios, supplementary courses and elective courses.

Duration of the programme	2 Years
Semester	04
Total Credits	103
Credits per semester (I to IV)	<=25

Course Type	Sem I	Sem II	Sem III	Sem IV
Urban Design Studio	1	1	1	1 (Thesis)
Theory	4	4	3	2
Supplementary	1	1	-	-
Elective	-	2	2	1
Total	6	8	6	4



RESEARCH AND CONSULTANCY

Despite its young age, the institute has started taking significant steps in research and consultancy with interesting combination of projects. Director Prof. Utpal Sharma has been involved with several state, national and international level consultancy projects related to public policy and urban planning such as Myanmar Housing Policy, Shimla Master Plan, GIFT City expansion to name a few. IAPNU has collaborated with the Gujarat Institute of Development Research (GIDR) – an ICSSR institution for preparing detailed reports of the planning projects in the coastal areas of south India for NCSCM, Chennai and the MoEFCC, Government of India.

IAPNU is also engaged in the documentation process of India's first UNESCO World Heritage City 'Ahmedabad'. Documentation of traditional house forms in Pols of walled city, is undertaken by IAPNU for Ahmedabad Municipal Corporation. The documentation focuses on climate responsive and social adaptability of indigenous house-form of famous Pols and understand the patterns that reflect Gujarati community's organisational structure and societal cohesion.

The institute has also established IGLUS Centre of Excellence ICE (Innovative Governance of Large Urban Systems Centre of Excellence), an initiative by GIFT City in association with École Polytechnique Fédérale de Lausanne (EPFL), Switzerland and Institute of Architecture and Planning, Nirma University to facilitate sharing of knowledge and global best practices about urban initiatives around the world.



INDUSTRY CONNECT & PLACEMENT

Industry Experts, Consultancy, Placement

The University bridges academia and industry through innovative collaborations, fostering real-world applications of knowledge. With dynamic networking opportunities and tailored programs, we cultivate a vibrant ecosystem where students and professionals thrive.

CAMPUS PLACEMENT

Employability is one of the most important criteria while selecting a professional programme. (IAPNU) through various activities provides opportunity to students to interact with the prospective employers by involving them in studios, mentoring, expert lectures, studio/internship/research thesis juries and seminars. This keeps students updated on professional front and gives them opportunity to showcase their works, skills, talents and prepares them for the future career. The students and faculty members are actively involved in the placement process.



ADMISSION PROCESS

For Admissions 2024-25

- 1.33% seats in M. Arch program will be allocated through Admission Committee for Professional Courses (ACPC), Government of Gujarat.
- 2.The remaining 67% seats in M.Arch program will be filled by the Admission Committee of the Institute of Architecture and Planning, Nirma University (52% All India Category + 13%NRI / NRI Sponsored Category).
- 3.Priority will be given to eligible applicants with valid PGETA scores for admission to M.Arch program.
- 4.Admission decisions will be based on the merit of PGETA score.
- 5.Any seats remaining vacant after considering qualified PGETA candidates will be offered to non-PGETA candidates based on merit from a national-level computer-based entrance test conducted at the Institute of Architecture and Planning, Nirma University.
- 6.The entrance test consists will be similar in format and syllabus to the PGETA exam.
- 7.A merit list will be prepared based on scores of PGETA or PG Entrance test conducted by the institute.
- 8.For detail information, visit website <https://architecture.nirmauni.ac.in/admission-aid/postgraduate-programmes/m-arch/>



SEAT ALLOCATION

Total Seats	20
33% seats (as per ACPC)	07
52% All India category	10
15% NRI/NRI Sponsored Category	03

KEY DATES

Activity	**All India Category & NRI / NRI Sponsored Category
Last date of applications	10/08/2024
Entrance Exam	To be announced by IAPNU*
Announcement of first merit list	5 days from the Entrance Exam
Payment of fees & hostel registration	16/08/2024
Commencement of semester	25/08/2024

ELIGIBILITY

- I.The candidate must have passed an examination in B.Arch degree or equivalent with at least 50% aggregate marks or equivalent CGPI as per COA norms.
 II.The candidate needs to qualify the Post Graduate Entrance Test in Architecture as per COA and competent authority norms.

** These are tentative dates and are subject to change, the exact dates will be notified on the website

TUITION FEE STRUCTURE FOR 2024-2025

	Year	General Category	NRI Category
1	*Fee (Per semester)	1,18,100 INR	3500 USD
a	Initial Post Graduation Registration Fee (One Time)		1000 INR
b	Examination Fee,Semester Grade Report,etc.(Per Annum)		5500 INR
2	Other Fee (a+b)		6500 INR
3	Refundable Security		10000 INR
	Total Fee (1+2+3)	1,34,600	3500 USD + 16,500 INR
4	*Eligibility Certificate (If Required)		1000 INR

CONTACT

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S G Highway Ahmedabad - 382
481

Phone: 079 - 71652348
Mobile number: +91 87580
33620
Email : admissions.iap@nirmauni.ac.in

Campus Life



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NIRJA DESAI
M.ARCH BATCH 2022

Studying Urban Design at Nirma University has been an exceptional decision. The program offers a perfect balance of theory and practice, supported by dedicated faculty and best facilities. It's been a transformative experience, equipping me with the skills and confidence to thrive in the field of urban design. Highly recommend this program for anyone aspiring to shape sustainable, vibrant cities.

“

RUBEEH UMER

As a resident of campus and student of M.Arch programme at Institute of Architecture and Planning, Nirma University, I have found my learning experience very enriching with industry experts, sophisticated infrastructure and green outdoors. Our first studio experience was in Vadnagar during which we interacted with the town officials, historians and archeological experts. We also visited various live projects with our expert mentors.

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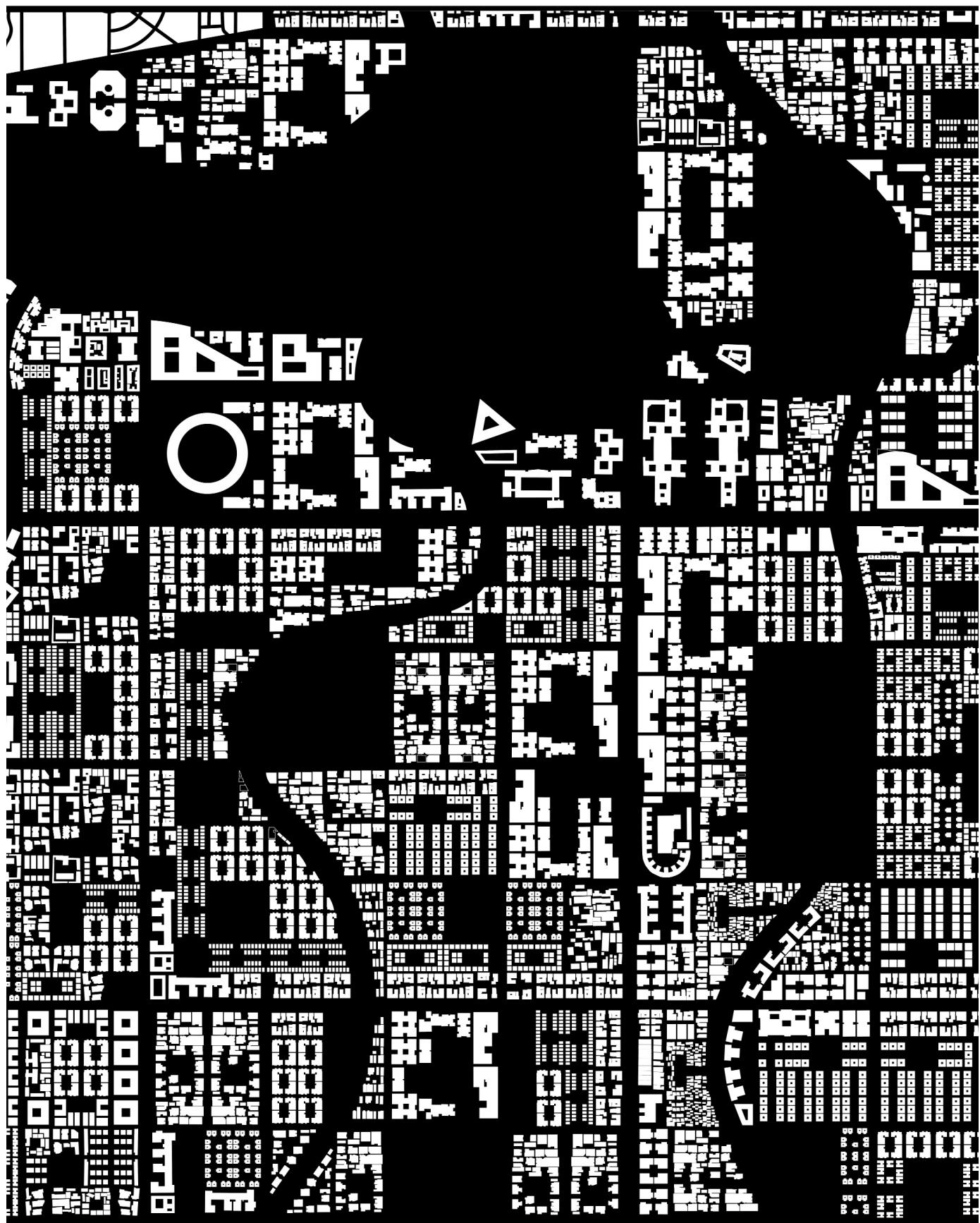
NANDITA BHATT

As M.Arch Urban Design student, I found life at Nirma University very vibrant and thriving. It offers a rich environment for interactive, integrated learning, with ample opportunities for both masters



CAMPUS LIFE

A student's experience at the Institute of Architecture and Planning goes beyond the reaches of pure academic training, encompassing an all-round development of the mind, body and soul. It is a vibrant and lively Institute with diverse activities happening all year around.





TEACHING ASSISTANCE OPPORTUNITIES

Nirma University provides teaching assistance opportunities where students can earn while learning. This program offers valuable teaching experience, mentorship skills, and financial support, enhancing students' academic journey and fostering leadership qualities.



STUDENT EXCHANGE PROGRAMMES

Nirma University offers an enriching array of student exchange programs, for a semester abroad and for fostering global perspectives and cross-cultural understanding. Through partnerships with prestigious institutions worldwide, students can embark on transformative academic journeys, immersing themselves in diverse cultures while gaining



PLACEMENT OPPORTUNITIES

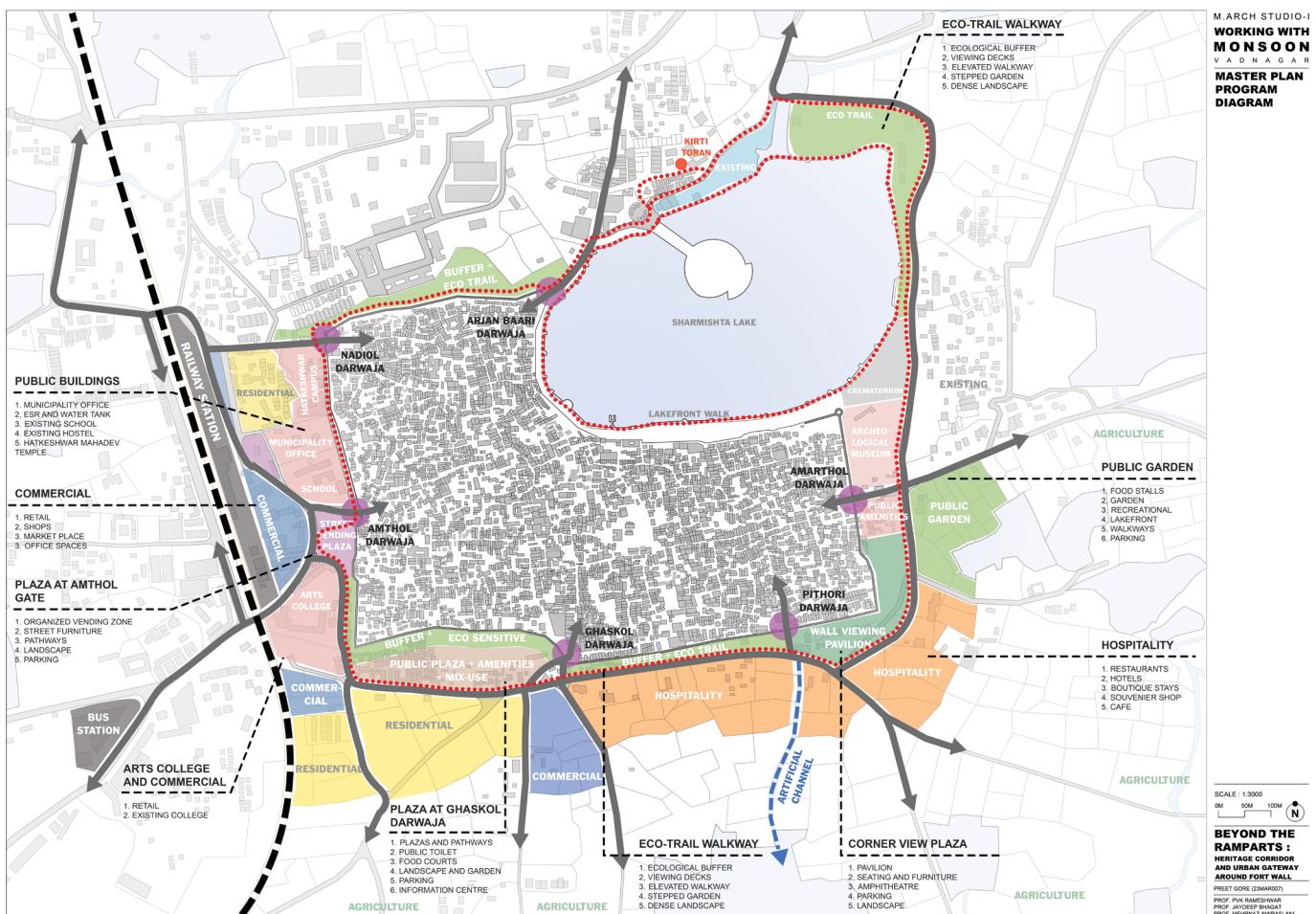
Nirma University's PG programs provide extensive placement opportunities in leading companies like Godrej, Adani, INI, DPC, EY, WRI, ITDP, and many more. With a focus on industry relevance and practical skills, Nirma ensures students are well-prepared for diverse professional roles. Through its strong corporate network, students

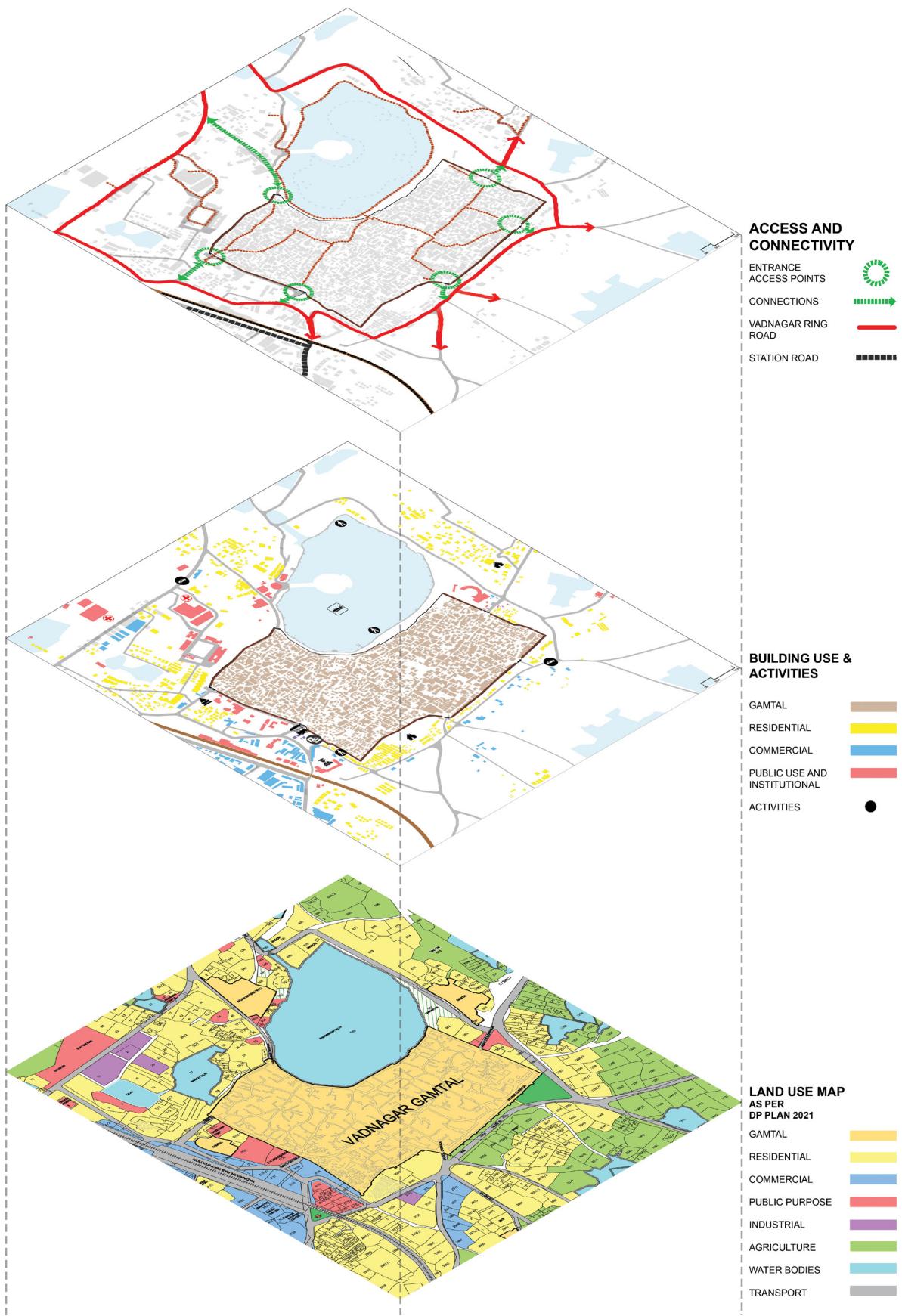




WORKING WITH MONSOON- SEM I

. Tutors: Prof. P.V.K. Rameshwar, Prof. Jaydeep Bhagat and Urban Mehrnaz Amiraslani
 Urban Design cannot improve livability in our towns & cities by looking from a single perspective & established certainties. A symbiotic relationship between nature and human intervention needs to be the centre of concern. The framework developed is in terms of Areas of Concern which each student is developing as trajectory. Areas of Concerns as identified-
 1. Scapes-Ground, 2. Scapes- City as an Artifact, 3. Flows- Water infrastructure 4. Flows- Environment & Ecology, Flows- Human Infrastructure 5. Socio- Cultural and 6. Processes. The Studio hopes to provoke the students to re-question the conventional premises and develop an approach which is holistic and multidisciplinary. so critical to evolve humane, just, environmentally, socially- sustainable and resilient and economically productive urban developments. Vadnagar town is serving as a lab for this study & exploration.





URBAN FORM STUDIO - SEM II

SUSTAINABLE URBAN FORM

PROF. P.V.K. RAMESHWAR AND PROF. JAYDEEP BHAGAT

The studio focus is on 'Sustainable Urban Form' while exploring and designing the physical organization of an area in the city of Udaipur in terms of its morphological and typological characteristics. The studio also aims to further develop skills in conceptualization and visualization through consideration of contemporary urban design issues. Area of study and intervention is located on western-northwestern edge and area adjoining Lake Pichola in the city of Udaipur. Issues of the local and regional identity and sustainability would inform the approach of the studio.

Studio Objectives :

To document, analyze and understand the urban form and morphology, its evolution and its role in creating sustainable urban environment;

To explore and re-imagine the notions and attitude towards the making of the urban form and space within Udaipur city.

To create a sustainable urban form and space that synthesizes cultural, spatial, architectural, and ecological issues of the city of Udaipur.

To develop knowledge of key concepts of sustainable urban form and their application through the exploration of an approach and methodology;

To develop the ability to address issues and opportunities at the urban scale in three-dimensional form through a process of sustainable design development;

To develop a strategic approach to long term sustainability that informs design proposals through an understanding of the multiple factors that influence urban form and public space.





URBAN TRANSFORMATION STUDIO- SEM III

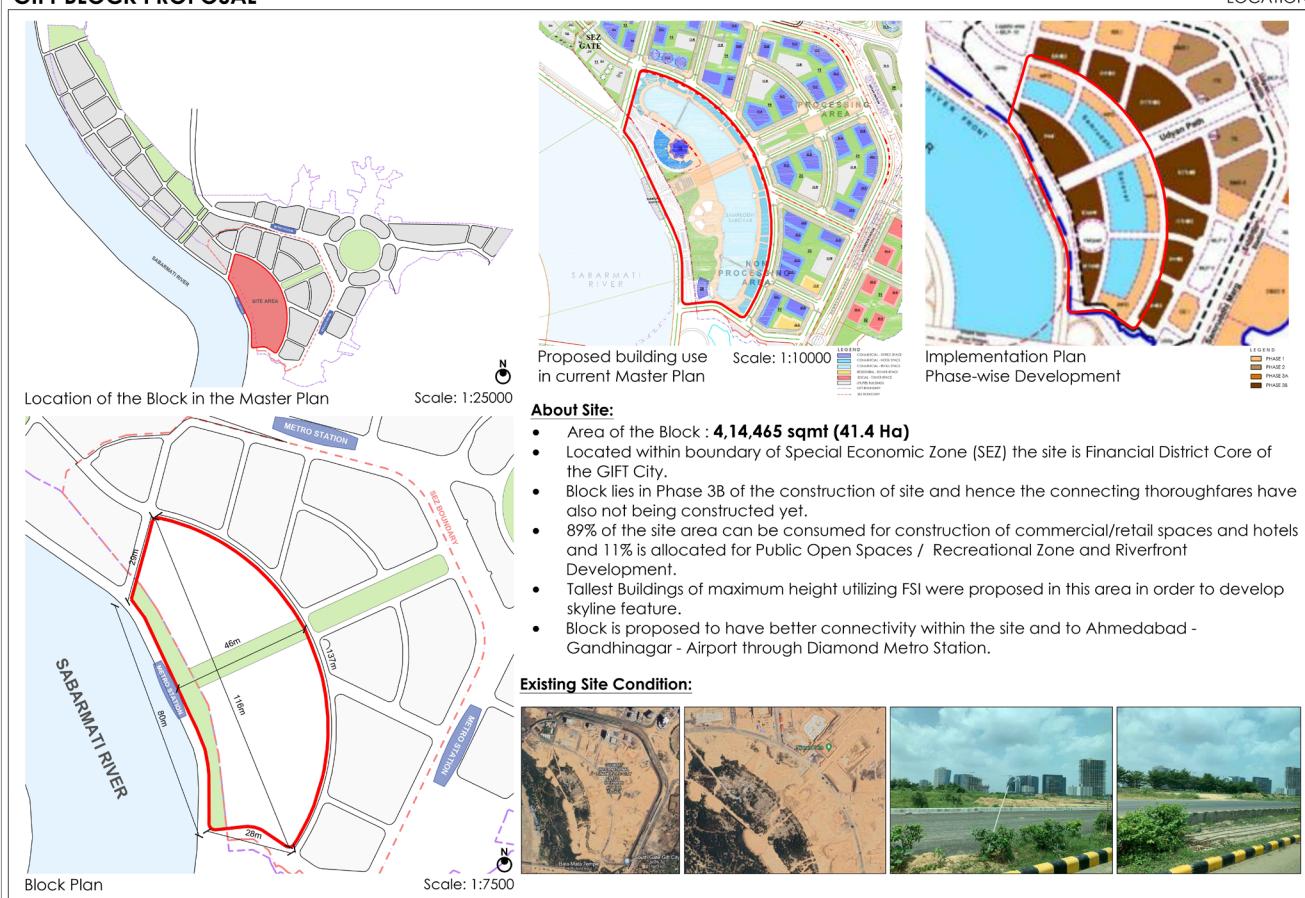
Urban design interventions at GIFT city

Faculty Coordinators: Prof. Utpal Sharma; Dr Tanushri Mokde Kamble; Dr. Aparna

Studio Objectives

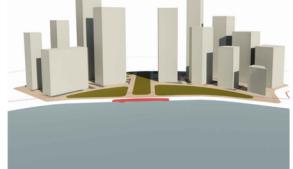
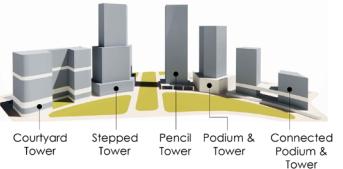
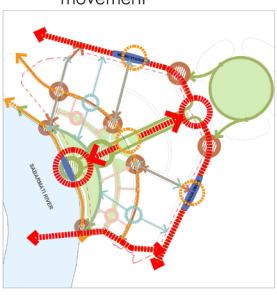
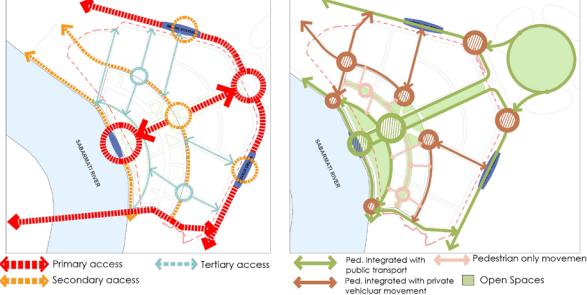
1. To document, analyze and understand differing-density built form and public space, development in different contexts such as geographical region, development vision, land use zoning, built form, typology and activity patterns. .
 - Context (regional context, topography, existing and proposed land use, transportation network – vehicular, cycling and pedestrian, public and para-transit; Infrastructure – source, sink and controls (drainage system(s), digital set-up etc.);
 - Existing land use, functions and densities (commercial edge - offices, restaurants, hotels, clubs; residential – typologies, amenities)
 - Built form (building types; high-rise, mid-rise, low-rise; massing; grain size; articulation; separation between buildings); open spaces; parking spaces; views and vistas; landmarks)
 - Existing Public realm in relation to the nature of land use, natural and built landscapes and human activities, (commercial edge; residential edge; vending zone; street sections)
 - Ecological and sustainability principles used in the existing plan
2. To envision the built form of GIFT City.
 - Case studies of established CBDs through site visits (where possible) and secondary literature will be conducted
 - For logistics, the site visit will be undertaken in the cities of Ahmedabad (eg: Sindhu Bhavan Road, C G Road, Ashram Road, and SRFD) and Mumbai (eg: BKC, Belapur CBD).
 - Synthesis of analysis and ideation: thematic positions, vision statement and conceptual plan
3. To expand the conceptual plan into the proposed urban form, with justification of the density distribution and land use zoning in the GIFT city .
 4. To propose urban design framework and guidelines for the GIFT city.

GIFT BLOCK PROPOSAL



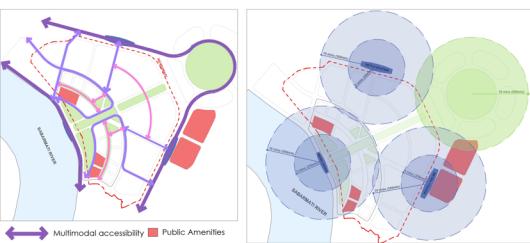
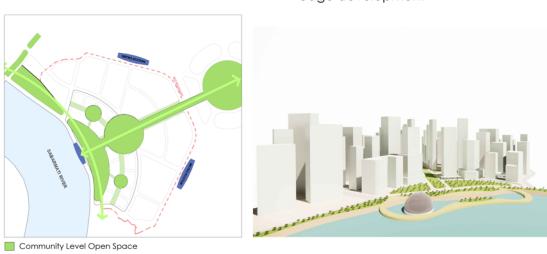
Student Work

GIFT BLOCK PROPOSAL

VISION AND OBJECTIVES		
 <p>VISION Creating Identity of the Business Core through a Nexus of Resilient Inclusive and Sustainable environment</p> <p>(Economically Resilient Socially Inclusive Ecologically Sustainable)</p>	OBJECTIVES <ol style="list-style-type: none"> Developing Skyline to create an Identity 	PRINCIPLES At Block Level <ul style="list-style-type: none"> Diversities in densities and building heights Distinct character of Building Edges and Building Typologies 
	REFERENCE FROM CASE STUDY <p>Manhattan, New York Melbourne, Australia Brisbane, Australia</p>	  
<p>MISSION</p> <p>ENCOURAGE Public Interaction</p> <p>ECONOMIC Viability</p> <p>CLIMATE Responsive Design</p>	<ol style="list-style-type: none"> Improved Connectivity and Network of Pedestrian movement 	<ul style="list-style-type: none"> Connectivity from block to public transit system Network of Pedestrian Movement 
		

M.ARCH | URBAN TRANSFORMATION | STUDIO - III | GUIDED BY: Dr. APARNA / Dr. TANUSHRI MOKDE

NANDINI KANANI | 22MAR002

OBJECTIVES	PRINCIPLES	REFERENCES FROM CASE STUDIES
2. Improved Connectivity and Network of Pedestrian movement	At Block Level <ul style="list-style-type: none"> Accessibility to Public Amenities and Open Spaces Walkable distance from public transport nodes 	
3. Placemaking and developing Public Realm on Water Edge	<ul style="list-style-type: none"> Network of Public Open spaces Transition Spaces and Water edge development 	

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RESEARCH THESIS - SEM IV

THESIS DESIGN/RESEARCH

Intent:

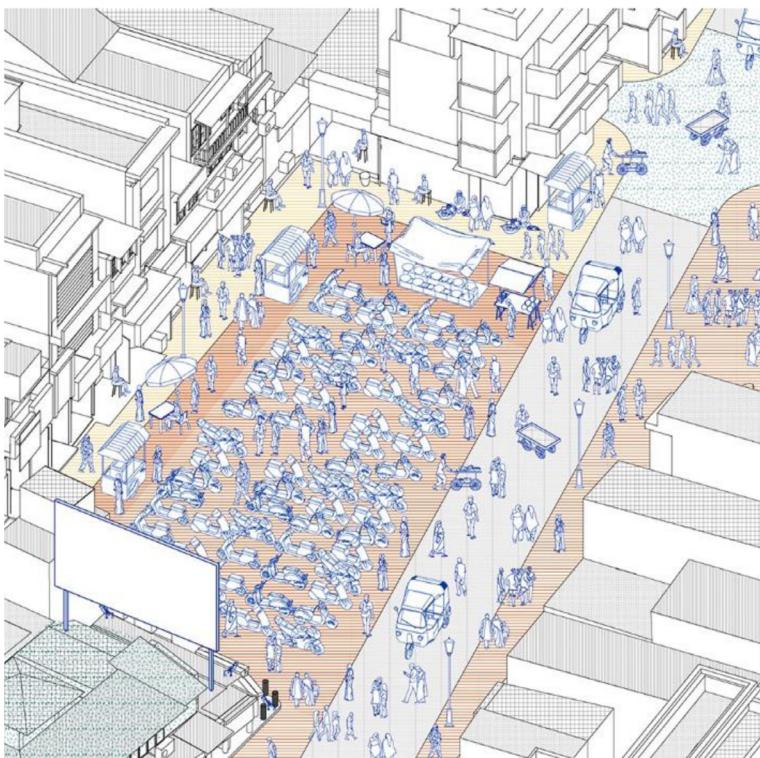
Urban Design is a practice-oriented discipline requiring strong theoretical foundations. This subject is expected to open avenues for the students in the field of Applied Research. Therefore, besides Empirical Research, this course also create space for Design Research with an emphasis on simulations and modelling, learning from case studies and developing generic frameworks on individual subject of student's choice.

Expected Outputs:

- Develop research frameworks, methodology and prepare an action plan depending on the research intent and scope
- Investigate and analyze the selected area of research or develop demonstration design and simulation approaches based on the established intent
- Write a research dissertation on frameworks and strategies for urban design processes or results of demonstration design and simulations depending upon the intent

ASSESSING VARIOUS INDICATORS OF SOCIAL VITALITY AS A COMPONENT OF INDIAN PUBLIC OPEN SPACES: A CASE OF AHMEDABAD

BY Nandini Kanani



Manek Chowk, Ahmedabad

Credits: Kanisha Patel

OBJECTIVES:

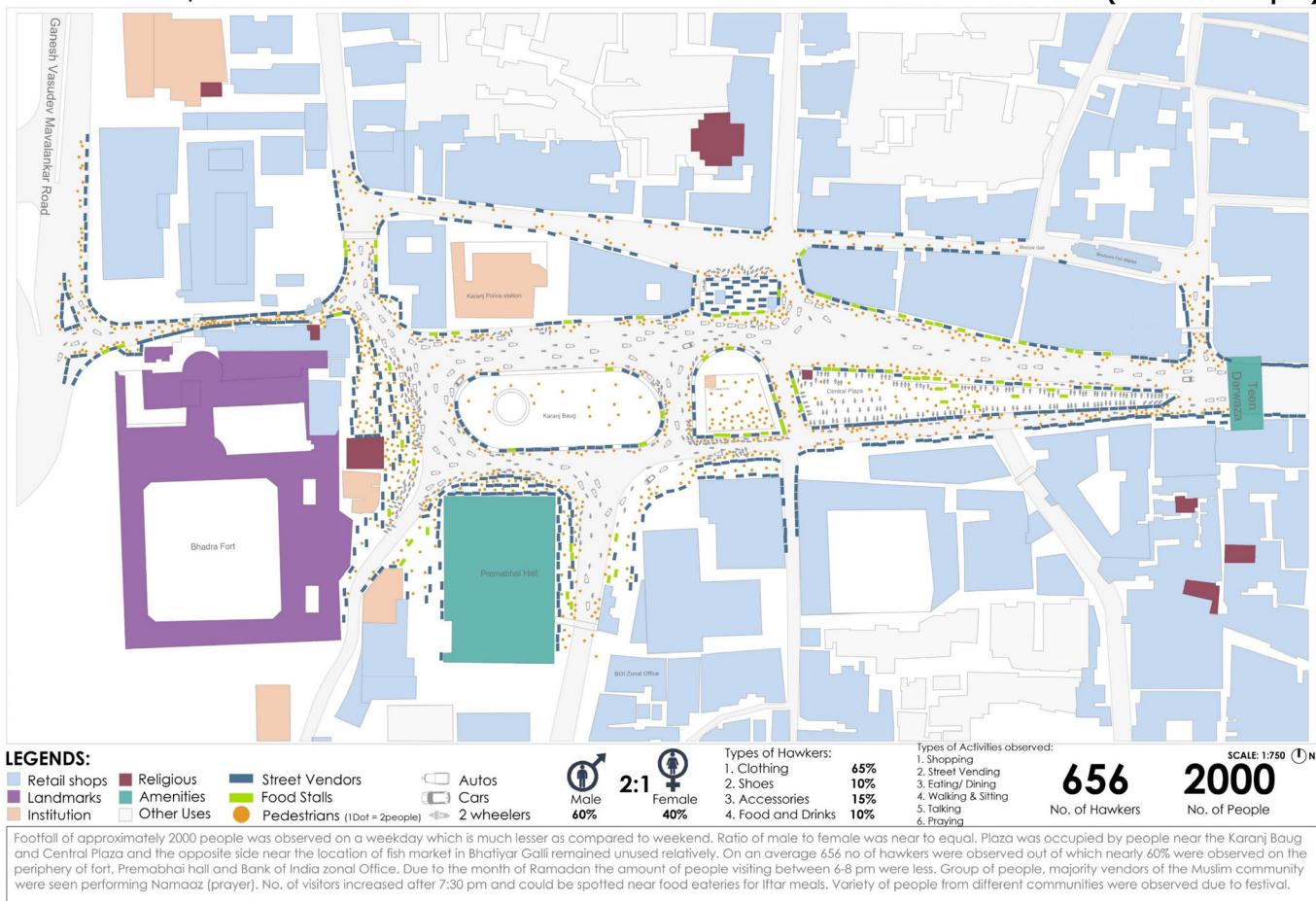
- To understand important factors and various layers of social vitality that influence the social vitality of public open spaces (Chowk/plaza) in Ahmedabad.
- To study the role and inter-relationship of diversity of uses, users and activities that affect the vitality of a public space.
- To assess through the indicators of social vitality, factors that promote social interaction and active engagement of people in public space.
- To propose guidelines for incorporating such socially vital public spaces in newly developed neighborhoods of the city.

AIM

To assess the social vitality of public open spaces such as plazas and chowks in Ahmedabad, which is a crucial for presence of social life in public spaces

BHADRA PLAZA, AHMEDABAD

ACTIVITY MAPPING (EVENING 6-8pm)



WHAT IS RESEARCH ABOUT?



Source:
<https://www.wiego.org/resources/weekly-markets-delhi-market-comes-you-map>



Source: <https://www.telegraphindia.com/my-kolkata/places/why-sarojini-nagar-market-has-been-delhis-most-popular-shopping-hub-for-years-tips-and-tricks-for-a-great-shopping-experience-and-how-to-get-the-merchandise-in-kolkata/cid/1857401>



Weekly markets
in Delhi

Source: <https://www.livemint.com/news/india/delhi-weekly-markets-reopen-on-a-trial-basis-11598327913316.html>



Source: <https://yometra.com/travel-guide/attraction-sarojini-nagar-market-delhi>

Understanding the significance of presence of social vitality in Indian Urban Public Spaces.

An attempt to comprehend the relationship between physical characteristics of a public space, presence of people and activities resulting in enhanced social life within such public open spaces.

Assessing which factors play most important role in promoting Social Vitality leading to Active public spaces.

LEGEND

RESIDENTIAL	RESERVED FOREST
MIXED USE	HERITAGE PARKS
COMMERCIAL	BUFFER SPACES
GRAVEYARD	PLAYGROUND
INSTITUTIONAL	PRIVately OWNED
PROPOSED	
MAJOR ROADS (PROPOSED)	
WIDENED ROADS	
TRANSPORT ROUTE	
MAJOR EXISTING ROAD	
PROPOSED PARKING	
BRIDGE	
PROPOSED BUS STOP	



**ADMISSION
'24-'25**

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