# INSTITUTE OF ARCHITECTURE AND PLANNING NIRMA UNIVERSITY

**Admission** 

'23 - '24

**Information Brochure** 

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



## VISION

Shaping a better future for mankind by developing effective and socially responsible individuals and organizations

#### MISSION

Institute of Architecture & Planning emphasizes the all-round development of its students. It aims at producing not only good professionals but also good and worthy citizens of a great country, aiding in its overall progress and development. It endeavours to treat every student as an individual, to recognize their potential and to ensure that they receive the best preparation and training for achieving their career ambitions and life goals.

#### **QUALITY STATEMENT**

To develop high quality professionals who reflect and demonstrate values that the University stands for, through innovation and continuous improvement in facilitation of learning, research and extension activities

## OUR CORE VALUES

Student Centricity Contribution to the Society Quest for Academic Excellence

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## NIRMA UNIVERSITY **AT A GLANCE**

## INSTITUTE OF ARCHITECTURE AND PLANNING, NIRMA UNIVERSITY

#### 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

Nirma University, Ahmedabad, has been established as a statutory university in 2003 under a special act passed by the Gujarat State Legislative Assembly. The University is recognized by the University Grants Commission (UGC) under section 2(f) of the UGC Act. The University is also accredited 'A+' grade by National Assessment and Accreditation Council (NAAC). Located in a peaceful and green campus, about 15 km from Ahmedabad railway station and equidistant from the Ahmedabad airport, it is also easily accessible from the state capital Gandhinagar.

Nirma University consists of the Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law, Institute of Architecture & Planning, Institute of Commerce and Institute of Design. Faculty of Research and Doctoral Studies along with all the institutes strives to develop cutting edge research in all disciplines. The graduate, postgraduate and doctoral level programmes offered by the institutes are professionally recognised and rated highly by accreditation agencies, education magazines, industry, and students.

Institute of Architecture and Planning is a self-financed institute running courses approved by Council of Architecture, New Delhi, India. The institute has been untill now offering undergraduate and doctoral programmes in Architecture and Planning. However, with rapid growth made in a short span of six years, the institute is introducing M.Arch in Urban Design Programme from the academic year 2022-23.

Institute of Architecture and Planning, Nirma University (IAPNU) aims at imparting education and research in fields related to the human living environment, which therefore includes a study of both, the built, as well as the natural environment. The programmes focus on providing education through exposure in Architecture and Planning with collaborative teaching and learning processes. The institute provides an exposure and platform with opportunities for young aspirants to interact and learn through hands on experiences exploring their creative potential and build an intellectual base for the future challenges. The advantage of the institute housed in the larger University environment is to be offering a multi sectoral view, skills, knowledge and interdisciplinary perspective regarding the living environment and human settlements.



Since 2014



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, symposia, conferences, student competitions, conclaves, short-term industry relevant programmes, cultural activities, etc.

#### ACCREDITATION

The Institute of Architecture & Planning, Nirma University is a constituent institution of Nirma University. Nirma University and its constituent Institutions are accredited by National Assessment and Accreditation Council (NAAC), an autonomous institution of the University Grants Commission, Government of India, with 'A' grade.

This accreditation status indicates that Nirma University and all its constituent Institutions 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.

#### **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 Section 2(f) of the UGC Act.

#### **AWARD & RECOGNITION** FOR FACULTY MEMBERS AND STUDENTS

- Indo Global Architecture Education Excellence Award 2015
- Bharat Vidya Ratna Award 2017 from International Business Global Human Council Resource Development Centre Pvt. Limited 2019 Excellence award
- Prof. Utpal Sharma "Business 26th received affaire & Dewang school National Education Mehta Award for Director in 2018

The university has over 35 MoUs with universities around the world. The students' benefits through exchange programs, internships, inter institute studio and other academic collaboration. The Institute has MoUs for academic collaboration with international universities, national Institutes and research organisations of repute.







## **INTERNATIONAL ALLIANCE**





## INSTITUTE OF ARCHITECTURE AND PLANNING PROGRAMMES

# **B. ARCH** 5 Years

# 2 Years

The Bachelors of Architecture programme at Nirma University has created ripples just in a couple of years. Since 2014 when the programme was initiated, its students have been making a mark in the professional arena. Through various MoUs the students are now also engaging with national and international institutes as part of the academic programme. Along with studio-based learning and skill enhancement courses, research is an integral part of the curriculum. The students have started making their presence felt within the architecture fraternity and winning awards at Zonal level inter institute events, like Zonal NASA.

institute's towards environment, challenges, implement for

#### M. ARCH (URBAN DESIGN)

Master of Architecture (M. Arch.) in Urban Design program at Institute of Architecture and Planning, Nirma University focusses on re-thinking and reimagining the future of our cities. In line with the commitment society and students from diverse backgrounds will collaborate to critically assess and analyse the design and solutions development and transformation within cities. Post-graduates from the programme will be equipped with the knowledge of urban design and interdisciplinary processes to solve societal and environmental needs.

## DOCTORAL PROGRAMME

### Part time / Full time

Nirma University started the doctoral programme in the year 2003. The University is renowned for the quality and diversity of its research and ample opportunities are provided to the faculty and the students to engage in research, actively participate in international and national conferences/ events, publish works on acclaimed platforms, patent the pioneering research., Institute of Architecture and Planning, Nirma university started doctoral has programme in Architecture and Planning since July 2015.

Photo left

Photo right

Bachelor of Planning Students representing Institute of Architecture & Planning

Nirma University During NOSPLAN -2017

Professor PVK Rameshwar discussing the

Urban Design Studio II, 2022.





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

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

– Aldo Rossi

Indian cities are undergoing a very rapid urban towns in terms of architecture, infrastructure, development and transformation with profound and so on. It also involves the creation and socio-cultural, economic and environmental implementation of various processes intended implications. Migration from rural to urban to allow for successful future development areas has reached unprecedented levels and the resultant development and transformation Nirma University is one of India's leading of urban areas poses greater challenges to universities based in Ahmedabad (Gujarat). create socially and economically inclusive public Spread across the sprawling lush green 115-acres realm in the cities. Also, in the recent times of campus, the University has a host of institutes, environmental and health crisis, cities now will departments and centers, including Institute of have to be re-imagined in creating liveable as well Technology, Institute of Management, Institute as environmentally sustainable future. Urban of Pharmacy, Institute of Science, Institute Design is the physical organization of cities and of Law, Institute of Architecture & Planning,

Institute of Commerce, Department of Design, 3. Navigate a globalized and networked culture Faculty of Doctoral Studies and Research, Centre for Continuing Education, Centre for Entrepreneurship, Centre for Advanced Instrumentation and Centre for Robotics and Automation. These institutions offer numerous undergraduate, postgraduate and doctoral programs. Apart from these, the University also offers several certificate and diploma programs.

#### Program Intent

The program will prepare 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;

- while sustaining local traditions;
- 4. Collaborate with multi-disciplinary organizations;
- 5. Re-imagine and create solutions using innovative methods and technologies.

#### **Key characteristics**

The B.Arch program at Institute of Architecture and Planning, Nirma University completed 7 years at the end of academic year 2020-21. The M. Arch program in Urban Design will offer postgraduate 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 to develop 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, Post-graduates with M. Arch in Urban Design theoretical pursuits and publications; and program will :
- work and collaborate with Architecture 4. To address the various urban design issues that are faced by cities through studio exercises, and Urban Design firms, developer and sponsored research and publications in construction firms, central government collaboration with other organizations and agencies, state government agencies, urban stakeholders. local bodies, municipal corporations, private sector infrastructural development, private **M.Arch - Career Prospects:** practice and not-for-profit organizations, and/ Urban Designers make significant contribution or

as members of multidisciplinary teams dealing with the formulation and implementation of



urban development programs and policies. Postgraduates with M. Arch in Urban Design program would be advanced urban design practitioners prepared for careers in a variety of professional settings in urbanism; urban and regional planning; public and urban policy; strategic design; development of social, cultural, and environmental enterprises; and urban research and analysis.

pursue doctoral level study or other research interests as the program is designed also to provide a research foundation.

## **PROGRAMME HIGHLIGHTS**

- People Centric Interventions
- Environmentally Sustainable Solutions
- Multi-disciplinary approach to Urban Transformations
- Research based Thinking
- Project-Based Studio Learning & Field Studio

## 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 Delhi 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.



Ex Professor, IHS, Rotterdam.

PROF. S. K. DAS

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.



**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 international competitions.



**DR. LAURENT LESCOP** 

Professor, ENSA Nantes, France

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 into CG graphics and immersion.



**DR. KIRAN SHINDE** 

#### Senior Lecturer, La trobe Uni., Australia

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

# 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 Plannning CEPT University



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



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



DR. APARNA Assoc. Professor



POOJA RAVAL Assistant Prof. M.Arch in Urban Design (CEPT University)

DR. SWATI KOTHARY Assistant Prof. PhD, M.Plan in Environmental Planning (CEPT University)





VINAY SHAH Design Chair M.C.P., M.UD (MIT, Cambridge, USA)



JAYDEEP BHAGAT Professor M.Arch in Landscape Urbanism (Uni. of Illinois, USA)

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



DR. TANUSHRI MOKDE Assoc. Prof. PhD, M.Tech in Urban Planning (VNIT, Nagpur)



# CURRICULUM DESIGN

### Proposed

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
Cerdits per semester (I to VIII)	<=30

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





	SEMESTER 1			SEMESTER 2	r wall	ALC: UN	SEMESTER	1	11000	SEMESTE	84	
	Course Name	H	E.	Course Name	H	6	Course Name	H	6	Course Name	H	C
Mandatory Council	Maille Heighburboost Planning & Design	12.8	12.0	Sticke WhenExtension	12.0	12.0	Studio Urban Transformation			Bena-Design (Research)	78.0	
	Orban Design Holony & Theory	30	10	Theory of Urban Ferm	3.0	3.8	Option 01 - And Entane & Option Receipting	15.0	150	ProfessionalPractice	3.0	3
	Ecology and Environment	38	3.0	Planning Mandald & Development Control Regulation	2,0	2.0	Option 02-Hentage Conservation	1990.	12.0	Urfum Government and Management	20	2
	Landuse and Transportation Planning	3.0	3.0	Land Economics	2.0	20	Option dit - Landscape Urbansere			Sales De 10 -		
	Urban Sociology	2.0	2.0	Urban Infrastructure Planning and Design	2.0	2.0	Research Wethindology	30	3.0			
				-			Project Approvial and Firance	10	200			
		r					Housing Autors & Policy	2.0	2.0			
-	Fecquio and Citizes	2.0		Intaliation	20			1				
1				Elective 17	2.0	2.0	Elective 1*	2.0	2.0	Elective 17	2.0	2
Elective	2		1.	Electron 2"	2.0	2,0	Elective 2*	20	2.0			
	1		11.2									_
				FieldStadio"*		48	Field Stadio**		40			
_	TORAL	15.0	25.0	TOTAL.	27.0	25/259	TOTAL	26.0	26/309	TOFAL	25.0	25.0
				List of Election		1	Street Design	3.64	81.00		1	
G6 3MA6101		ELO1	Contemporary Theoret nf HMABL07									
				Envisionmental Design	3804	ELUTZ	Smart Cities	1144	BL00			
				Cities & Sustainable Development Goats	366.4	ELU18	Politics & Cities	3544	8.09		-	
				Theoding the City	3804	ELQA	Public Space Design	1554	EL10			
Digital Technologies 3404		ELUIS	Principles of Management SWAEL11									
Enterna Control de Con						Real Extate Development	IMA	8.12				
* As per the course demand, it will be offered as a black elective						Helitage Conservation	3344	Ð.12				
** One Rield Studio of 4 weeks to be completed before commencement of 4th Semester					Landscape Udsanture	3564	E.11					
	Field Studio credits would be in	nctudied up	son comp	letion of the course		-		_				
	Total Hours		- 11	Total Credit								
	103.0	194										



## **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 ocess of India's first UNESCO World He medabad'. Documentation of traditiona orms 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 project is also studying comprehending the shaded narrow streets and the inner parts of the 'pols' creating an cro-climate suitable for outdoor activities urban in a semi-arid region and 'otla' or seating place on the plinth, at the entrance of every house identified as unique socio cultural phenomenon promoting interaction with the street and houses across the street.

RESIDE is Residential building energy demand reduction in India. It is a major research collaboration project between India and the UK, funded by the Indian Department of Science and Technology (DST) and the UK's Engineering and Physical Sciences Research Council (EPSRC). IAPNU conducting the research to identify Ahmedabad's residential building energy demand by undertaking analysis of 400 households.

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

#### **EXPERT LECTURES**

The Institute organizes Expert Lecture Series throughout the year wherein eminent academicians and industry persons of international and national repute are invited to speak on the topics ranging from specific subjects to contemporary interests.

#### **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. The students themselves constitute a Placement Committee and coordinate placement process.



A disciplined, serene and pleasant environment envelops the campus. It blends beautifully with the green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants. The academic ambiance gives full scope for group activities, which are plenty, as also to individual pursuits for development on preferred tracks.

## ADMISSION **PROCESS**

Admission

For Admissions 2023-24

#### **ALL INDIA CATEGORY**

85% of total intake of the M. Arch. (Urban Design) programme will be filled by Institute of Architecture & Planning, Nirma University from all over the country.

These seats shall be filled by the candidates who have passed Bachelor Degree in Architecture with minimum 50% marks in the qualifying examination as prescribed by the Government of Gujarat under the admission rules called "The Master of Architecture Courses (Regulations of Admission and Payment of Fees) Rules, 2020".

#### **NRI / NRI SPONSERED CATEGORY SEATS**

15% seats of total intake of the M. Arch. (Urban Design) Programme will be filled by Institute of Architecture & Planning, Nirma University. For detail information, visit website https//architecture.nirmauni.ac.in



#### **KEY DATES** SEAT ALLOCATION Activity Total Seats 20 All India Category Last date 85% NRI 15%

#### ELIGIBILITY

CONTACT

Website:

Nirma University,

Phone: 079 - 71652348

Candidate should have passed Bachelor Degree in Architecture with minimum of 50% marks in aggregate OR equivalent course as per the guidelines given by Council of Architecture (CoA) regarding eligibility criteria from time to time

Institute of Architecture & Planning,

S G Highway Ahmedabad - 382 481

Mobile number: +91 87580 33620 Email : admissions.iap@nirmauni.ac.in

https//architecture.nirmauni.ac.in

	Year	General Category	NRI Category		
1	*Fee (Per semester)	1,12,500 INR	3500 USD		
а	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)	1,29,000 3500 USI 16,500 IN			
4	Eligibility Certificate (If Required)	1000 INR			



Activity	**All India Category & NRI / NRI Sponsored
	Category
Last date of applications	01/07/2023
Online test	10/07/2023
Announcement of first merit list	15/07/2023
Payment of fees & hostel registration	22/07/2023
Commencement of semester	07/08/2023

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

## **TUITION FEE STRUCTURE FOR 2023-2024**

\* Fees are subject to revision by competent authority



#### Samay Chevli, B.Arch, Batch-2015

Nirma University is a different world where you can find an amalgamation of learning, fun, culture, lore, literature, and many such life preaching activities. Learning Architecture with workshops, hands-on, practical training, related study programs, interactions with seniors and juniors, and guest lectures rather than just studios and lectures shaped us better as architects through this 5 years journey. Nirma University, providing such love and making me grow as a better person, proved to be my second home.



#### Tanvi Karia, B.Arch, Batch-2014

A place for growth and a home away from home, that's what Nirma University has given me. It has provided us all with a platform to explore our wildest ideas and evolve into better individuals. IAPNU has always been a place where experimenting and exploring of new ideas was encouraged and this is something that has made us who we are today. I consider myself lucky to have been a part of this amazing journey and is something I will always remember.

#### Photos at right.

Institute of architecture and Planning Courtyard

#### Photo left page bottom

Poetry recitations as a part of students' Club 'Kavitra' during KALP-2019.



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.

## CAMPUS LIFE





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#### INSTITUTE OF ARCHI-TECTURE & PLANNING

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079 - 71652000

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Website https://architecture.nirmauni

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