NIRMA UNIVERSITY

INSTITUTE OF ARCHITECTURE AND PLANNING NIRMA UNIVERSITY

M. ARCH. (URBAN DESIGN) PROGRAMME

Admission

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Information Brochure





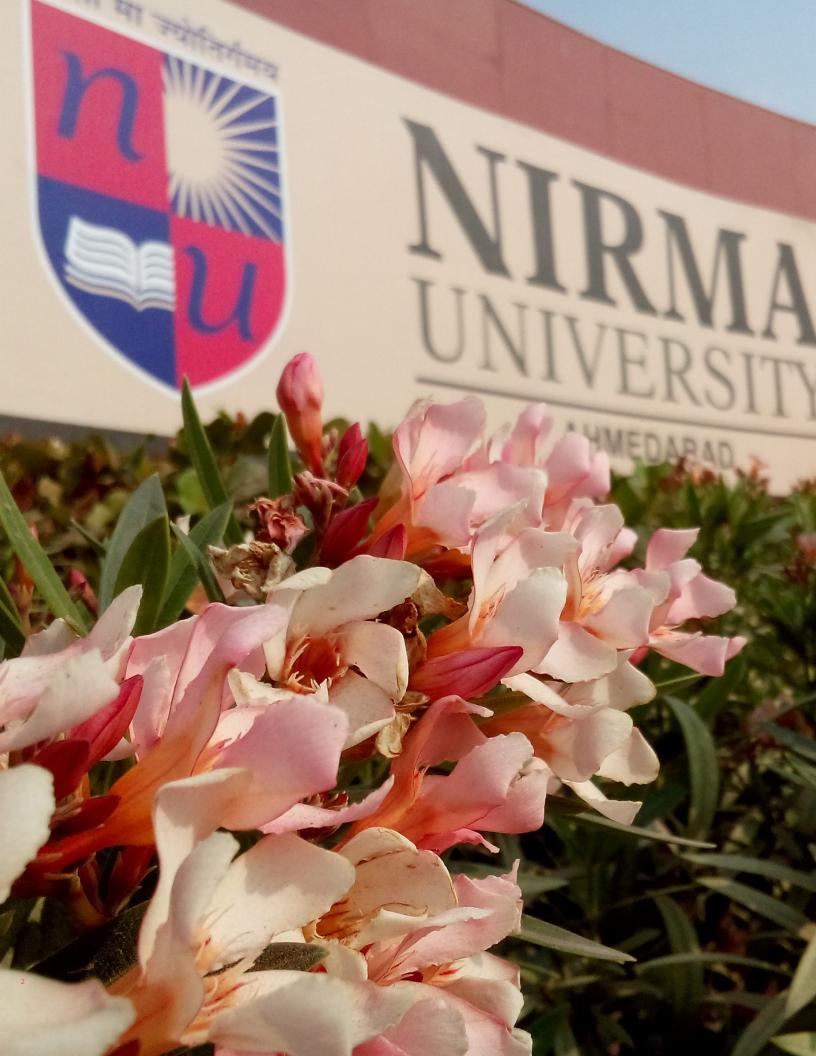




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NIRMA UNIVERSITY AT A GLANCE

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

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.

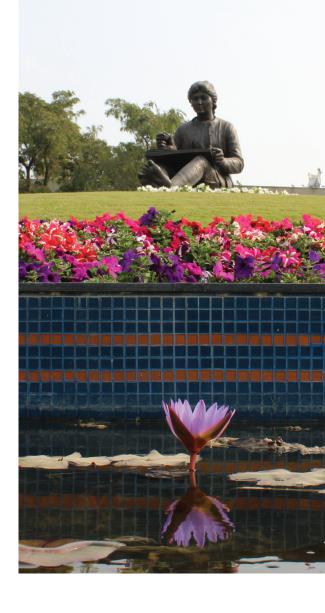
Nirma University consists of the Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law, Institute of Architecture & Planning, Institute of Commerce and Institute of Design. Faculty of Research and Doctoral Studies along with all the institutes 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, NIRMA UNIVERSITY

Since 2014

Institute of Architecture and Planning is a self-financed institute running courses approved by the 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.



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 Council Global Human Resource Development Centre Pvt. Limited 2019 Excellence award
- Prof. Utpal Sharma received
 26th "Business school affaire
 Dewang Mehta National
 Education Award for Director in
 2018



INTERNATIONAL ALLIANCE

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













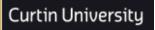
























State University of New York EP



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INSTITUTE OF ARCHITECTURE AND PLANNING **PROGRAMMES**

B. ARCH.

5 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.

M. ARCH. (URBAN DESIGN)

2 Years

Master of Architecture (M. Arch.) in Urban Design programme at Institute of Architecture and Planning, Nirma University focusses on re-thinking and reimagining the future of our cities. In line with the institute's commitment towards society and environment, students from diverse backgrounds will collaborate to critically assess and analyse the challenges, design and implement solutions for 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 has started doctoral programme in Architecture and Planning since July 2015.



Photo left

Bachelor of Planning Students representing Institute of Architecture & Planning Nirma University During NOSPLAN -2017

Photo right

Prof. Sharma discussing with students of batch 2014 in the Courtyard Space of Institute of Architecture & Planning, Nirma University

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 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 liveable 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.

Nirma University is one of India's leading universities based in Ahmedabad (Gujarat). Spread across the sprawling lush green 115-acres campus, the University has a host of institutes, departments and centers

Programme Intent

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

- Address the present challenges to make communities and cities more liveable and environmentally sustainable
- Understand and analyze the urban environment and its systems, at varying scales such as city, neighborhood and community
- 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 B.Arch. programme at Institute of Architecture and Planning, Nirma University completed 7 years at the end of academic year 2020-21.

The M. Arch. programme in Urban Design will offer post-graduate opportunity to our existing students. It is approved by the Council of Architecture.

The multi-disciplinary nature of the course has a huge potential to take advantage of other programmes 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.



Programme Objective

The programme objectives are as follows:

- 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;
- 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; and
- 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 programmes and policies.

Post-graduates with M. Arch. in Urban Design 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.

Post-graduates with M. Arch. in Urban Design programme 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, and/or
- pursue doctoral level study or other research interests as the programme is designed also to provide a research foundation.



Photo left page

Final Jury of Architectural Design Studio of B. Arch. Semester II, 2016.

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

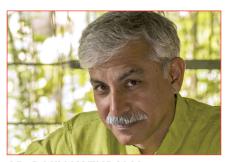
Prof. Ranjit Mitra have a career spanning over 40 years, largely devoted to academics, professional practice and research and continuing post-retirement, in the field of urbanism, Urban design and Urban research.



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.



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 programme 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)



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



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



DEVAL GANDHI Associate Professor M.Arch. in Urban Design (Berlage Institute, Netherlands)



DHAVAL CHAUHAN *Assistant Prof.*M.Arch. in Urban Design (Uni. of Texas at Austin, USA)



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



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

CURRICULUM **DESIGN**

Proposed

PROGRAMME STRUCTURE

Duration of the programme	2 Years
Semester	04
Total Credits	103
Cerdits per semester (I to VIII)	<=30

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

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						
Course Name H Studio - Neighbourhood 120						
12.0	12.0					
3.0	3.0					
3.0	3.0					
3.0	3.0					
2.0	2.0					
2.0						
25.0	23.0					
	H 12.0 3.0 3.0 3.0 2.0					

*	As per the course demand, it will be offered as a bl
**	One Field Studio of 4 weeks to be completed befo
#	Field Studio credits would be included upon comp

Total Hours	
103.0	

Institute of Architecture and Planning , Nirma University M.Arch (Urban Design), Proposed Course Matrix										
SEMESTER 2	SEMESTER 3			SEMESTER 4						
Course Name H C		Course Name H C		Course Name H						
Studio - Urban Extension	12.0	12.0	Studio: Urban Transformation		-	Thesis - Design / Research	18.0	18.0		
Theory of Urban Form	3.0	3.0	Option 01 - Real Estate & Urban Housing	15.0 15.	15.0	15.0	.0 15.0	Professional Practice	3.0	3.0
Planning Standard & Development Control Regulation	2.0	2.0	Option 02- Heritage Conservation		15.0	Urban Governance and Management	2.0	2.0		
Land Economics	2.0	2.0	Option 03 - Landscape Urbanism							
Urban Infrastructure Planning and Design	2.0	2.0	Research Methodology	3.0	3.0					
			Project Appraisal and Finance	2.0	2.0					
			Housing Pattern & Policy	2.0	2.0					
Installation	2.0									
Elective 1*	2.0	2.0	Elective 1*	2.0	2.0	Elective 1*	2.0	2.0		
Elective 2*	2.0	2.0	Elective 2*	2.0	2.0					
Field Studio**		4#	Field Studio**		4#					
TOTAL	27.0	25/29#	TOTAL	26.0	26/30#	TOTAL	25.0	25.0		
List of Electives			Street Design	3MAI	EL06					
GIS	3MAE	EL01	Contemporary Theories of urbanism	3MAI	EL07					
Environmental Design	3MAE	EL02	Smart Cities	3MAI	EL08					
Cities & Sustainable Development Goals	змав	EL03	Politics & Cities	3MAI	EL09					
R eading the City	3MAE	EL04	Public Space Design	3MAI	EL10					
Digital Technologies	3MAE	L05	Principles of Management	3MAI	L11					
			Real Estate Development	3MAI	L12					
ock elective			Heritage Conservation	3MAI	L12					
e commencement of 4th Semester		Landscape Urbanism	3MAI	£13						
etion of the course										

Total Credit 103.0 **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 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 project is also studying and comprehending the shaded narrow streets and 'chowks' in the inner parts of the 'pols' creating an urban micro-climate suitable for outdoor activities 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 co-ordinate the 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**

For Admissions 2022

ACPC, GoG SEATS

50% seats of total intake of the M. Arch. (Urban Design) Programme will be filled by Admission Committee for Professional Courses (ACPC), Government of Gujarat. For detail information, visit website http://www.jacpcldce.ac.in/MArch.asp

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

ALL INDIA CATEGORY

35% 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".



KEY DATES

Activity	**All India Category & NRI / NRI Spon- sored Category
Inviting Applications	07/03/2022
Announcing Merit Order	15/06/2022
Payment of Fees / Confirmation	22/06/2022 to 29/06/2022
Orientation Day	14/07/2022
Classes Begin (M.Arch)	15/07/2022

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

SEAT ALLOCATION

Total Seats	20
ACPC, GoG	50%
All India Category	35%
NRI	15%

ELIGIBILITY

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

CONTACT

Institute of Architecture & Planning , Nirma University,

S G Highway Ahmedabad - 382 481

Phone: 079 - 71652348

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

Website:

https//architecture.nirmauni.ac.in

TUTION FEE STRUCTURE FOR 2022-2023

	Year	General Category	NRI Category		
1	*Fee (Per Annum)	2,00,000 INR 7000 USD			
а	Initial Post Graduation Registration Fee (One Time)	1000 INR			
b	Examination Fee,Semester Grade Report,etc.(Per Annum)	11000 INR			
2	Other Fee (a+b)	12000 INR			
3	Refundable Security	10000 INR			
	Total Fee (1+2+3)	2,22,000 7000 USI 22000 IN			
4	Eligibility Certificate (If Required)	1000 INR			

^{*} 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.



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.



Photos at right.

Happy faces after finishing fieldwork for RSP at Jodhpur, Rajasthan in 2017, B.Arch. Batch 2015.

Photo left page bottom

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

CAMPUS LIFE



TECTURE & PLANNING

Nirma University, S G Highway Ahmedabad - 382 481, Gujarat, India.

M 87580 33 620

Phone 079 - 71652000

admissions.iap@nirmauni.ac.in

Website

https://architecture.nirmauni.ac.in/

Disclaimer: All information given in the admission brochure of Institute of Architecture and Planning, Nirma University (IAPNU), Ahmedabad is only for general information or use. Although all reasonable effort is made to present current and accurate information, IAPNU excludes any warranty, express or implied, as to the quality, accuracy and completeness of the brochure. The information provided in the brochure is pertaining to the current status (as on 21st February 2022) and is subject to change.