STUDENTS HANDBOOK

2020-21

VOLUME II
ACADEMIC RULES & REGULATION

NIRMA UNIVERSITY
INSTITUTE OF ARCHITECTURE & PLANNING
NAAC ACCREDITED 'A' GRADE
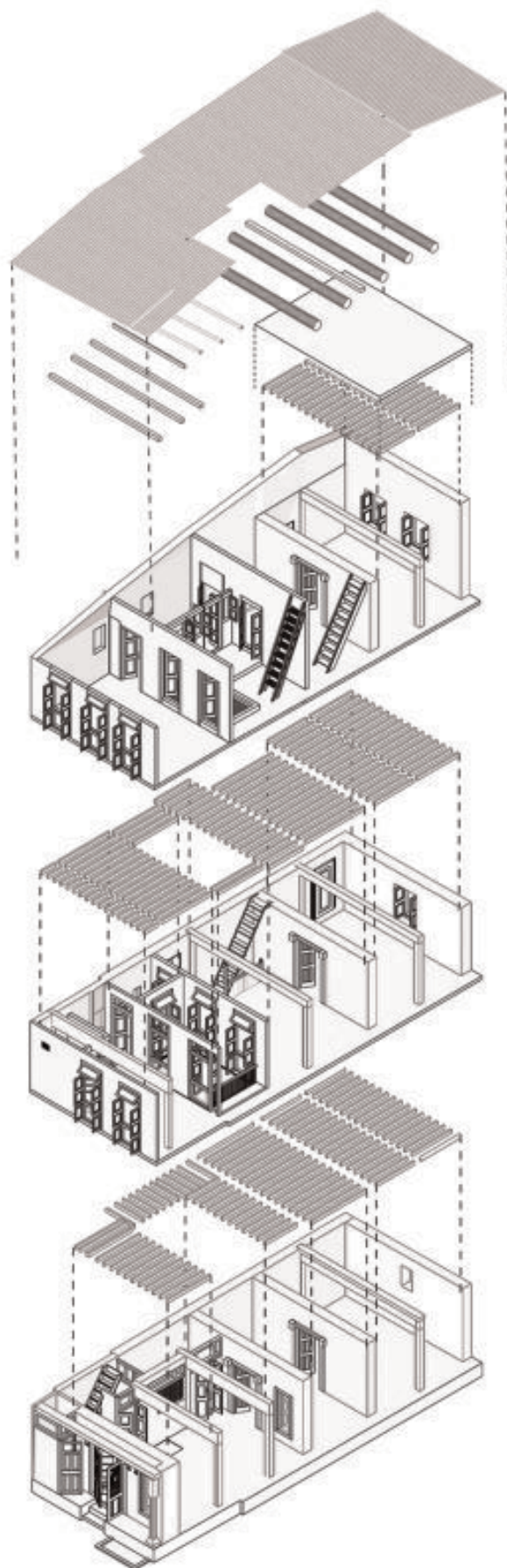
प्रार्थना

या कुन्देन्दु तुषारहार धवला या शुभ्र वस्त्रावृता ।
या वीणा वर दण्ड मण्डितकरा या श्वेत पद्मासना ॥
या ब्रह्माच्युत शंकर प्रभृतिभिः देवैः सदा वन्दिता ।
सा मां पातु सरस्वती भगवती निःशेष जाड्यापहा ॥

श्लोक अर्थ – जो विद्या की देवी भगवती सरस्वती कुन्द के फूल, चन्द्रमा, हिमराशि और मती के हार की तरह धवल वर्ण की हैं और जो श्वेत वस्त्र धारण करती हैं, जिनके हाथ में वीणा-दण्ड शोभायमान है, जिन्होंने श्वेत कमलों पर आसन ग्रहण किया है तथा ब्रह्मा, विष्णु एवं शंकर आदि देवताओं द्वारा जो सदा पूजित हैं, वही सम्पूर्ण जड़ता और अज्ञान को दूर कर देने वाली माँ सरस्वती हमारी रक्षा करें ।

Meaning - Salutations to Devi Saraswati, Who is pure white like Jasmine, with the coolness of Moon, brightness of Snow and shine like the garland of Pearls; and Who is covered with pure white garments, Whose hands are adorned with Veena (a stringed musical instrument) and the boon-giving staff; and Who is seated on pure white Lotus, Who is always adored by Lord Brahma, Lord Acyuta (Lord Vishnu), Lord Shankara and other Devas, O Goddess Saraswati, please protect me and remove my ignorance completely.

NIRMA UNIVERSITY

INSTITUTE OF ARCHITECTURE & PLANNING

NAAC ACCREDITED 'A' GRADE

PREAMBLE

The Handbook (Student's Information Booklet) for Students, printed in two volumes contain General Information Respectively about Nirma University and detailed information about Institute of Architecture & Planning Programme.

Handbook Volume-I contains the general information about the Nirma University and general administration brief about Institute of Architecture & Planning. It contains information about general rules to be followed by the students on campus. It gives information about The general facilities and support available for the students on campus. It gives insight about the discipline and conduct rules of the University.

Handbook Volume-II (Student's Information Booklet) contains academic information about the Institute, which includes the Academic Rules and Regulations regarding academic requirements and academic conduct of the students at the University including different policies and forms. Besides, it includes important information on registration, grading system, academic standards, attendance norms, discipline and the like.

It is prime responsibility of the students to get familiar (themselves) with the rules and regulations of the Institute and the University.

The students shall abide by these rules and shall, at all times, conduct in a manner so as to bring credit to the University and enhance its prestige in the society.

The University / Institute reserves the right to amend the rules and regulations mentioned in the Handbook without any prior notice. The decision of the University shall be final on all matters. For any clarification, the Student Section may be contacted.

This Handbook (Student's Information Booklet) is for the purpose of providing information to the students about the University and its programmes and is not a Regulation book of the University. Hence, no claim can be made based on the information given in the book.

Prof. Jaydeep Bhagat   **Prof. Utpal Sharma**
Academic Coordinator   Director

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1.0 B.ARCH. PROGRAMME

1.1 Program structure

1.1.1   Bachelor of Architecture - Course Structure (C.B.C.S.)

Duration of the Programme   :   5 Years

Number of Semesters   :   10 semesters

Professional Office Training   :   16/18 Weeks

1.1.2. (a) Teaching and Examination Scheme

SEMESTER I

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
2AR171	Architectural Design Studio - I	-	-	8	12	-	-	0.5	0.5
2AR172	History & Theory - I	2	-	-	2	3	0.3	0.5	0.2
2AR173	Building Construction & Technology - I	2	2	-	3	3	0.3	0.5	0.2
2AR174	Architectural Graphics Skills and Representation - I	2	2	-	3	-	-	0.5	0.5
2AR175	Structure -I	1	2	-	2	-	-	0.5	0.5
2AR176	Basic Design - I	2	4	-	4	-	-	0.5	0.5
2AR177	Surveying and Levelling	2	-	-	2	-	-	0.5	0.5
2AR178#	Related Study Programme –I #	-	-	-	4#	-	-	-	1
Total		**11**	**10**	**8**	**28/ 32$**				

#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.
ELECTIVE COURSES
No Elective will be offered in this semester
SUPPLEMENTARY COURSES

Course Code	Course Name	L	T	P	C	SEE	SEE	CE	LPW
2ARS13	Yoga	-	-	1	-	-	-	-	1

$ Credit of RSP will be given to those students who registers for RSP in the respective semester
L: Lecture,   W: Workshop,   S: Studio,   C: Credit
CE: Continuous Evaluation,   LPW: Lab/Project/Studio Work,   SEE: Semester End Examination
Supplementary Courses:
1.   Yoga and Meditation

SEMESTER II

Course Code	Name of the Course	Teaching Scheme					Scheme of Examination			
		Hours/Week			Credit	Hours	Component Weightage			
		L	W	S	C	SEE	SEE	CE	LPW	
CORE COURSES										
2AR261	Architectural Design Studio - II	-	-	8	12	-	-	0.5	0.5	
2AR262	History & Theory - II	2	-	-	2	3	0.5	0.5	-	
2AR263	Building Construction & Technology - II	2	2	-	3	3	0.3	0.5	0.2	
2AR264	Architectural Graphics Skills & Representation - II	2	2	-	3	-	-	0.5	0.5	
2AR265	Structure - II	1	2	-	2	3	0.3	0.5	0.2	
2AR266	Basic Design - II	2	2	-	3	-	-	0.5	0.5	
2AR267	Communication Skills	2	-	-	2	-	-	0.5	0.5	
2AR268#	Related Study Programme –II #	-	-	-	4#	-	-	-	1	
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.										
ELECTIVE COURSES										
No Elective will be offered in this semester										
SUPPLEMENTARY COURSES										
2ARS24	Social Work	-	-	2	-	-	-	-	1	
Total		**11**	**8**	**10**	**27/ 31$**					
$ Credit of RSP will be given to those students who registers for RSP in the respective semester										
L: Lecture, W: Workshop, S: Studio, C: Credit										
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination										
Supplementary Courses:										
1. Social Work										

SEMESTER III

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR361	Architectural Design Studio - III	-	-	8	12	-	-	0.5	0.5
2AR362	History & Theory -III	2	-	-	2	3	0.3	0.5	0.2
2AR363	Building Construction & Technology - III	2	2	-	3	3	0.3	0.5	0.2
2AR364	Architectural Graphics Skills & Representation- III	1	2	-	2	-	-	0.5	0.5
2AR365	Structure - III	1	2	-	2	3	0.3	0.5	0.2
2AR366	Environmental Science & Services - I	1	2	-	2	3	0.3	0.5	0.2
2AR367	Economics	2	-	-	2	-	-	0.5	0.5
2AR368#	Related Study Programme - III#	-	-	-	4#	-	-	-	1
Total		9	8	8	25/ 29$				

#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.

ELECTIVE COURSES

Course Code	Course Name	L	T	P	C	SEE	SEE	CE	LPW
Yet to be decided	University Elective - 1	3	-	-	3	-	0.4	0.6	-

$ Credit of RSP will be given to those students who registers for RSP in the respective semester

SUPPLEMENTARY COURSES

2ARS33	Social Work	-	2	-	-	-	-	-	1

L: Lecture, W: Workshop, S: Studio, C: Credit

CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination

University Elective Courses:

1. University Elective - 1

SEMESTER IV

Course Code	Name of the Course	L	W	S	C	SEE	SEE	CE	LPW
		Hours/Week			Credit	Hours	Component Weightage		
		Teaching Scheme					**Scheme of Examination**		
CORE COURSES									
2AR461	Architectural Design Studio - IV	-	-	8	12	-	-	0.5	0.5
2AR462	History & Theory - IV	2	-	-	2	3	0.3	0.5	0.2
2AR463	Building Construction & Technology - IV	2	2	-	3	3	0.3	0.5	0.2
2AR464	Architectural Graphics Skills & Representation- IV	1	2	-	2	-	-	0.5	0.5
2AR465	Structure - IV	1	2	-	2	3	0.3	0.5	0.2
2AR466	Environmental Science & Services - II	1	2	-	2	3	0.3	0.5	0.2
2AR467	Introduction to housing	2	-	-	2	-	-	0.5	0.5
2AR469	Photography	1	2	-	3	-	-	0.5	0.5
2AR468#	Related Study Programme - IV#	-	-	-	4#	-	-	-	1
Total		**4**	**10**	**8**	**27/ 31$**				
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.									
ELECTIVE COURSES									
$ Credit of RSP will be given to those students who registers for RSP in the respective semester									
SUPPLEMENTARY COURSES									
2ARS43	Social Work	-	-	2	-	-	-	-	1
L: Lecture, W: Workshop, S: Studio, C: Credit									
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination									

SEMESTER V

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR561	Architectural Design Studio - V	-	-	10	15	-	-	0.5	0.5
2AR562	History & Theory - V	2	-	-	2	3	0.3	0.5	0.2
2AR563	Building Construction & Technology - V	1	2	-	2	3	0.3	0.5	0.2
2AR564	Introduction to Landscape Design	2	-	-	2	-	-	0.5	0.5
2AR565	Environmental Science & Services - III	1	2	-	2	3	0.3	0.5	0.2
2AR566#	Related Study Programme - V#	-	-	-	4#	-	-	-	1
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.									
ELECTIVE COURSES									
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Total		**8**	**8**	**10**	**27/ 31$**				
$ Credit of RSP will be given to those students who registers for RSP in the respective semester									
L: Lecture, W: Workshop, S: Studio, C: Credit									
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination									

SEMESTER VI

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR661	Architectural Design Studio - VI	-	-	10	15	-	-	0.5	0.5
2AR662	History & Theory - VI	2	-	-	2	3	0.3	0.5	0.2
2AR663	Building Regulations	2	-	-	2	3	0.3	0.5	0.2
2AR664	Urban Form	-	4	-	2	-	-	0.5	0.5
2AR665	Environmental Design	2	-	-	2	-	-	0.5	0.5
2AR666#	Related Study Programme - VI#	-	-	-	4#	-	-	-	1
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.									
ELECTIVE COURSES									
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Total		**8**	**8**	**10**	**27/ 31$**				
$ Credit of RSP will be given to those students who registers for RSP in the respective semester									
L: Lecture, W: Workshop, S: Studio, C: Credit									
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination									

SEMESTER VII

Course Code	Name of the Course	Hours/Week			Credit	Hours	Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR761	Professional Trainning	-	-	-	28	-	-	-	1
ELECTIVE COURSES									
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
Total		-	-	-	28/ 32$	-	-	-	-

#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.

$ Credit of RSP will be given to those students who registers for RSP in the respective semester

L: Lecture,   W: Workshop,   S: Studio,   C: Credit

CE: Continuous Evaluation,   LPW: Lab/Project/Studio Work,   SEE: Semester End Examination

SEMESTER VIII

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR861	Architectural Design Studio - VIII	-	-	10	15	-	-	0.5	0.5
2AR862	Urban history	2	-	-	2	-	-	0.5	0.5
2AR863	Research Seminar	2	2	-	3	-	-	0.5	0.5
2AR864	Introduction to Urban Planning	2	-	-	2	-	-	0.5	0.5
2AR865#	Related Study Programme - VIII#	-	-	-	4#	-	-	-	1
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.									
ELECTIVE COURSES									
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Total		**8**	**6**	**10**	**26/ 30$**				
$ Credit of RSP will be given to those students who registers for RSP in the respective semester									
L: Lecture, W: Workshop, S: Studio, C: Credit									
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination									

SEMESTER IX

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR961	Architectural Design Studio - IX	-	-	12	18	-	-	0.5	0.5
2AR962	Research Proposal	2	2	-	3	-	-	0.5	0.5
2AR963	Heritage Conservation	2	-	-	2	-	-	0.5	0.5
2AR964#	Related Study Programme - IX#	-	-	-	4#	-	-	-	1
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.									
ELECTIVE COURSES									
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Total		**6**	**6**	**12**	**27/ 31$**				
$ Credit of RSP will be given to those students who registers for RSP in the respective semester									
L: Lecture, W: Workshop, S: Studio, C: Credit									
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination									

SEMESTER X

Course Code	Name of the Course	Teaching Scheme				Hours	Scheme of Examination		
		Hours/Week			Credit		Component Weightage		
		L	W	S	C	SEE	SEE	CE	LPW
CORE COURSES									
2AR1061	Research Thesis	-	-	16	24	-	-	0.5	0.5
2AR1062	Professional Practice	1	2	-	2	3	-	0.5	0.5
2AR1063#	Related Study Programme - X#	-	-	-	4#	-	-	-	1
#4 RSP is to be completed during the entire duration of B.Arch programme out of which 2 RSP is to be completed before registration in Semester V and remaining 2 RSP before registration in Semester X.									
ELECTIVE COURSES									
Yet to be decided	Elective	1	2	-	2	-	-	0.5	0.5
Total		**2**	**4**	**16**	**28/ 32$**				
$ Credit of RSP will be given to those students who registers for RSP in the respective semester									
L: Lecture, W: Workshop, S: Studio, C: Credit									
CE: Continuous Evaluation, LPW: Lab/Project/Studio Work, SEE: Semester End Examination									

1.1.2. (b) List of University Electives:

- Indian Economy
- Introduction to Strategic Management
- Fundamentals of International Business
- Biotechnology and Law
- Information Technology Law and Cyber Law
- Air and Space Law
- Maritime Law
- Nanotechnology and Law
- Health and Nutrition
- Green Chemistry
- Technical Writing
- Critical and Creative Thinking
- Information and Communication Technology
- Applied Literature

- Nanotechnology and Law
- Health and Law
- Forensic Science and Law
- Energy and Law
- Cyber Law
- Patent Law
- Cosmetic Technology
- Drug Law
- Cyber Security
- ≤
- Data Analytics
- Introduction to Renewable Energy Sources
- Environmental Conservation for Sustainable Development

1.1.2. (c) List of Institute Electives:

Institute Elective Courses (For Semester- V and VI)*:	
2AREA01	Leather craft
2AREA02	Pottery
2AREA03	Claywork/ Terracotta/ Ceramic
2AREA04	Furniture design
2AREA05	Performing Arts
2AREA06	Graphic Signage
2AREA07	Collages and Montages
2AREA08	Metal craft
2AREA09	Casting/ Moulding (Pop, Metal, resin, fiber)
2AREA10	Print (Lithography/ Linography/ Woodcut/ Metal print)
2AREA11	Colour in Architecture
2AREA12	Building Energy Modelling and simulation
2AREA13	Methods of Architectural documentation
2AREA14	Stage and set design
2AREA15	Art Appreciation
2AREA16	Creative writing
2AREA17	Film Appreciation
2AREA18	Journalism – An Introduction
2AREA19	Programming language – Fundamentals
2AREA20	Temporary structures
2AREA21	Bamboo construction
2AREA22	Bio-mimicry
2AREA23	M S Office
2AREA24	Building Information Modelling (BIM)
2AREA25	Structure-V

Institute Elective Courses (For Semester- VIII, IX and X)*:	
2AREB01	Introduction to Environmental planning
2AREB02	Real Estate Planning
2AREB03	Valuation
2AREB04	Intelligent Buildings
2AREB05	Architectural Journalism
2AREB06	Architectural criticism
2AREB07	Ecology and Bio diversity
2AREB08	Alternative construction techniques
2AREB09	Reuse of building materials
2AREB10	Barrier free design
2AREB11	Advanced computer application in Design
2AREB12	Introduction to GIS
2AREB13	Design with Ferro-cement
2AREB14	Lightweight Structures
2AREB15	Retrofitting of Buildings
2AREB16	Conservation Techniques
2AREB17	Conservation Regulation
2AREB18	Site & Project management
2AREB19	Introduction to Infrastructure Planning

1.2 B.ARCH. - Teaching Learning Process

The undergraduate programme in Bachelor of Architecture (B Arch) is duly recognized by Council of Architecture (CoA) of India. The Institute aims at imparting high-quality education to inculcate sustainable design of built environment and human settlements through the disciplines of Architecture and Planning. The Institute of Architecture and Planning echoes Nirma University's vision of shaping a better future for mankind by developing effective and socially responsible individuals and organizations. In addition, due to the unique nature of education in the field of built environment, the institute sought and deliberated on feedback from various stakeholders including industry experts, students and academic peers. The concern for environment, sustainability and creating a linkage between profession and society emerged as relevant areas which require a focused undertaking. Hence, the Institute has further reinforced its mission as stated below:

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

Core Values of the Institute

Nirma University has formulated three basic core values for all its constituents Institutes.

a) Student Centricity,

b) Contribution to the society, and

c) Quest for Academic Excellence.

Based on these core values, the Institute of Architecture and Planning has further expanded its principles of teaching-learning pedagogy pertinent to the profession and the discipline:

Teaching-Learning Pedagogy at the Institute

Based on the core values mentioned above, teaching-learning pedagogy at the Institute is largely based on:

• An understanding that effective Architecture and Planning education has to locate itself at the junction of the socio-cultural, environmental, technological and economic issues of our times and society; and

• Commitment to the development of socially and professionally responsible individuals who would effectively contribute to the sustainable development of the nation.

The above essentially drive the Institute's teaching-learning pedagogy which is based on: A multidisciplinary approach, and Innovation in Pedagogy.

A Multi-Disciplinary Approach

The 5-year B. Arch curriculum is student centric based on a multi-disciplinary approach and the guidelines prescribed by Council of Architecture. All courses outlined in the curriculum are centered in domains of:

a) Profession Core courses;

b) Basic Sciences and Applied Engineering courses;

c) Elective courses, both Professional and Open Electives; and

d) Employability and Skill Enhancement Supplementary and Value-added courses.

These domains spanning across the period of five years are from various multi-disciplinary areas such as:

a) Art and Craft which includes Culture and People;

b) Architecture which includes Design, Humanities, History, Theory & Criticism;

c) Technology which includes Building Material, Construction, Technology, Services & Structure, Digital Technologies;

d) Profession which includes Professional practice, Office training; and

e) Environment: Environmental Science & services; and

f) Allied fields such as Urban Design and Regional Planning, Landscape Architecture etc.

The B. Arch Programme curriculum, which spans across the period of 5 year, is designed in a manner with all the core courses focus on 'Sensitization and Awareness', 'Skills' and 'Knowledge' for first 3 years, and 'Critical Judgement' and 'Inquiry' for the subsequent 2 years. The course contents are taught and learned in lectures, seminars, labs/workshops, studio exercises and design projects, internships and study tours. Lectures are held to teach basic connections and the systemization of theoretical knowledge and the methodology of scientific work. In seminars the contents are taught in dialogue and discussion phases between the faculty member and the student. In labs/workshops, the contents of the course are delivered through hands-on-work and innovative experiments.

Innovation in Pedagogy

Innovation in architecture education revolutionizes not only the way we design or build a space but also the way we experience the built environment around us. The Institute has adopted innovative teaching methods and approaches as a part of teaching-learning pedagogy at the institute. In addition to this, in line with the mission for sustainable solutions, the institute has incorporated curriculum and infrastructure to foster the innovation in pedagogy. Advancement of knowledge in built environment is also based upon the critical questioning of some aspects of the pre-existent and established formal expressions and their underlying values and principles. This pedagogy of critical questioning has been embedded in the education at the Institute. This critical questioning also leads to innovation in pedagogy which is a fundamental to the Architecture education at the Institute.

Following are some of the strategic innovations in pedagogy of Architecture teaching and learning have been adopted by the Institute:

• Annual Event 'KALP'

• Installations at the Institute

• 'Design+Build' Collaborative Workshops

- Digital Technologies & Processes

Teaching Methods

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 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

Hands-On Experience through Workshops

Hands-on learning or learning-by-doing is an experiential learning method in which students carry out guided exploratory and experimental activities in workshops and studio-based courses. This makes learning more robust and lasting as students are cognitively engaged in the learning process. It helps them in long-term retention and better transfer of knowledge while understanding practical problems. Students are thus engaged in active sense-making and knowledge construction.

Learning & Evaluation through juries

Evaluation of all Design Studio is based learning is done through open reviews and juries wherein students explain and defend their design proposals and approaches in front of a panel of faculty and external experts. Studio reviews and juries are also opportunities of 'active learning' for student-faculty groups via engagement in discussions, debates and dialogues on particular design process and ideational approaches as well. Due to this, a culture of open discussions and group learning, peer learning, adopting and adapting to criticism, self-criticism, decision making, team work, work ethics along with communication skills through presentations and proposals is developed among the students.

Professional Training and Internships

Professional office training is generally for a period of one semester and also includes summer internship experience in Planning programme, wherein students get opportunity to learn from the professional and practice environments, work cultures and ethics in core and related disciplines. This experience introduces students to the multi-disciplinary aspect of the field and gives them a chance to interact with stakeholders like contractors, clients, communities, masons & craftsmen, consultants and other related professionals in the field of built environment.

Research & Innovation

Inculcating a Culture of Research:

The Institute promotes inter-disciplinary and multi–disciplinary research culture. Research forms an essential component of education with courses such as Research Seminar, Research Proposal and Undergraduate research thesis as core subjects for senior students. Formation of research clusters and a

rigorous mechanism for guiding young researchers assist in effective development of research skills. Research by Design and Design by Research is also promoted in Studio-based subjects.

Professional and Academic Collaboration

Industry - Academia Linkages

Professional engagement gives faculty and students an opportunity to work on live projects in collaboration with the industry. Studio and research projects are also introduced based on the real projects. The Institute has MOUs with reputed firms and organizations to carry out on-field research projects and these collaborations also act as industry-based knowledge resource wherein professionals and experts from these firms are regularly invited for lectures, juries, workshops and seminars at the Institute.

Collaboration with National and International Universities

The Institute has joined hands with national and international universities through MoUs and otherwise. These MoUs have opened up opportunities of student exchange, faculty exchange, joint research and publishing, collaborative workshops and sharing of knowledge resources. Such activities make possible, academics and industry related interaction with foreign students and experts giving crucial international exposure to the community at large.

Related Study Programme (RSP)

Related Study Programme (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, environmental and economic aspects of our society through careful and thorough inspection, documentation and analysis.

Focus:

*   To study built-form with specific reference to climate, material, social & cultural context

*   To document village level / town level/ city level of settlement pattern of selected areas

*   To measure and document the settlement / built-form of traditional / contemporary buildings

Outcome:

*   Measured drawings and documentation of selected settlement/built-form, Analysis of housing

*   Typology, settlement pattern, literature study of community, etc. The Knowledge gained through this

*   Documentation can be applied to enhance design sensibilities

Rules:

- A student has to attend at least 4 Related Study Programmes (RSP) during entire duration of B.Arch. Programme

- Workshops or Special workshops of 3 or more weeks can also be considered as RSP

- The Director (IA&P) will be the final authority to approve above such workshop-based RSP

- The minimum time period for each RSP will be of 3 weeks

- The students have to complete 2 RSPs before registration in Semester-V and another 2 RSPs before registration in Semester-X

- Faculty to Student ratio during RSPs should be 1:20. Additional members can be allotted in case of increase in number of student ratio for additional intake of 10 or more students.

1.3 ACADEMIC REGULATIONS FOR UNDER GRADUATE DEGREE LEVEL

Bachelor of Architecture (B.Arch) Programme

* ACADEMIC REGULATIONS FOR UNDER GRADUATE DEGREE LEVEL BACHELOR OF ARCHITECTURE (B.ARCH.) #AND BACHELOR OF PLANNING (B.PLAN) PROGRAMMES UNDER FACULTY OF ARCHITECTURE #AND PLANNING

DEFINITIONS

Programme -- Bachelor of Architecture (B.Arch.) # and Bachelor of Planning (B.Plan)

Course -- A constituent subject of the Programme

Semester -- Duration for studying a course

Term -- A portion of an academic year, normally coinciding with a semester. The words "Term" and "Semester" are generally used synonymously.

Registration -- Procedure for getting enrollment in a course

Letter grade -- A letter associated with a particular performance level of the student. A qualitative meaning and a numerical index are attached to each grade.

A+ to C are Passing grades, D -- Conditional pass, IF – Interim fail and FF - Final Fail

Credit -- A numerical figure associated with a course. On passing the course, the student earns this "credit"

Granting a term -- This expression is used to indicate whether the in-semester performance of the student is up to acceptable standards.

GT -- Term granted

NT -- Term not granted

Regular approval -- If a student is unable to attend the institute or appear in an examination on account of unavoidable reasons like illness, accident or unforeseen circumstances, prior/ prompt intimation and request to the Head of the Department if exist/Head of the Institute is necessary for seeking approval for the absence. The approval so obtained will be referred as Regular Approval.

* Published vide Notification no. NU-25 dated 04.04.14, BoG mtg. 29.3.2004, resol.-10

SHORT FORMS

Institute	--	Institute of Architecture # and Planning
Director	--	Director of Institute of Architecture # and Planning
Dean	--	Dean of the Faculty of Architecture # and Planning
Faculty	--	Faculty of Architecture # and Planning
Appeal Committee	--	Consisting of Director, Dean and Three Faculties to be nominated by the Director
CoA	--	Council of Architecture, India

* Amendment by addition of B.Plan programme vide BoG meeting – 30.03.16 Reso -4(B)

ITPI	--	Institute of Town Planners, India
IR	--	Initial Registration
RPR	--	Repeat Registration
RL	--	Repeat Registration for LPW
RS	--	Repeat Registration for studying all components of a course
NE	--	Not eligible
GT	--	Term granted
NT	--	Term Not Granted
RER	--	Re - examination Registration
REC	--	Re - examination Registration for CE component of a course
RES	--	Re-Examination Registration for SEE component of a course
CE	--	Continuous Evaluation
LPW	--	Laboratory / Studio Work
SEE	--	Semester end examination
SPE	--	Supplementary examination
R.BARCH	--	Regulations of Bachelor of Architecture

(I) Academic Regulations for Bachelor of Architecture

R.BARCH. 1. PROGRAMME

Bachelor of Architecture (B.Arch.), 'The Under Graduate Degree Programme in Architecture', leading to the degree of B. Arch., is offered by the Institute of Architecture. The programme is full time of five years duration, approved by the Nirma University.

R.BARCH. 2. ELIGIBILITY FOR ADMISSION - Annexure - II

The eligibility criteria for admission to the Programme is given in Annexure - II.

R.BARCH 3. CATEGORIES OF COURSES

The following categories of courses are offered in the programme.

3.1 Credit courses

These are compulsory courses. They are included in the schedules of various semesters. Credits earned for these courses will be considered for evaluating the academic performance levels of the student.

3.2 Supplementary courses

These are compulsory courses. They are not included in the schedules of the semesters, but are shown as additional courses, wherever applicable. No credits are assigned to these courses. The student shall have to pass a supplementary course(s) in maximum of four consecutively available attempts. Failure to satisfy this criterion at any stage will disqualify the student from registering in any higher semester. Such student can appeal to the Appeal Committee. The Committee may grant an extension up to one additional attempt in genuine cases.

3.3 Audit courses

These are optional courses. No credits are assigned to them. They will be separately notified in each semester. The performance in these courses shall be accounted in continuous evaluation

NOTE: Hereafter, the Credit Courses will be referred to simply as "courses". Supplementary and Audit courses will be specifically mentioned as such.

R.BARCH 4. COMPONENTS OF A COURSE

The academic schedule of the courses may consist of one or more of the following components with their respective scope as described.

- Lectures (LECT) - Teaching learning processes conducted in real and virtual classrooms with various multimedia aids.

- Tutorial - The Lecture sessions will be supported by Tutorial Sessions wherever needed.

• Laboratory/project/Studio work (LPW) - This component consists of studio work/ workshop/ practical exercises/projects etc. Each set of practical exercises /project will form a UNIT.

R.BARCH 5 EXAMINATIONS

For assessment of the course, each component corresponds to certain examination/s. These examinations are as follows.

• Continuous Evaluation (CE) Examination may include written examination/s and Term Assignments (TA) examination

• Semester End Examination (SEE)

• Laboratory/Project/Studio work - LPW examination

5.1 Every semester the question papers used in different tests/examinations shall be submitted for the purpose of audit.

5.2 Answer-Books, quiz papers, assignments, project reports, and any other assessment tools used, should be shown to the students and descriptive and detailed feedback should be given to an individual student.

5.3 The faculty should maintain all assessed exercised and proper records of such feedback given to the students and submit to the office at the end of every semester. The Institute shall audit them with a suitable mechanism. Audit of assessed work of at least one course will be selected randomly by the Director.

5.4 Examiner: The assessment of Semester End Examination and Continuous Evaluation will be carried out by the concerned faculty. Assessment of the design studio will be carried out by a panel of at least two examiners (one academician and another practicing architect). The responsibility of associating external experts with the examination will be of the programme Chairperson, who will finalize in consultation with the HOI.

R.BARCH 6. PROGRAMME CHAIRPERSON, ADVISOR

The Dean will appoint faculty members for the following designations. The main functions of each designation are also mentioned.

PROGRAMME CHAIRPERSON (to be Appointed for each programme)

The responsibility of the coordinator shall be to coordinate all matters related to the efficient teaching and learning of the programme. The coordinator will also be responsible to design the pedagogy of the programme and teaching and assessment mechanism. They are free to take the support from the other visiting faculty and practitioners, with the approval of Head of Institute. Till the time the Chairperson is appointed, the functions of the Chairperson will be performed by the Head of the Institute.

FACULTY ADVISOR (to be appointed for each semester)

The responsibility of the advisor shall be to look after all matters, at the department level, regarding Registrations and Re-Registrations of courses and also to provide guidance and counseling to students regarding these issues. Till the time the Faculty Advisor is appointed, the functions of the Faculty Advisor will be performed by the Head of the Institute.

6.1 Assurance of Learning Outcome Committee

The Director will appoint four faculty members including the Progrmame Chairperson for designing, planning, developing, and assuring learning outcome from time to time. The Programme Chairperson will be the Member Secretary of the Committee.

R.BARCH 7. TEACHING SCHEME

The teaching scheme for the course as a whole will be referred simply as Teaching Scheme.

The courses offered in each programme (semester - wise) and their teaching schemes are given in the Semester schedules approved by the Academic Council from time to time. The schemes show the various courses, distribution of teaching hours, course component/s, examinations, component weightage and credits allotted to each course.

The Supplementary Teaching Schemes of various Units of CE and LPW together with their inter se weightage, (within the overall weightage of CE and LPW), shall be formulated by the course coordinator, if appointed in consultation with HOI. These schemes will be approved by the Dean of the Faculty of Architecture before being notified to the students in the beginning of each semester.

R.BARCH 8. SEMESTER AND TERM

Normally courses will be offered semester-wise as given in the teaching scheme. However the institute may offer certain course/s of a semester in both terms of an academic year in order to help students to pursue their study more expeditiously.

R.BARCH 9. REGISTRATION IN COURSES

9.1 There will be Three categories of Registrations. All three categories will be collectively referred to simply as Registration. Individual categories will be referred to by their symbols.

9.2 All Registrations, wherever applicable, will be subject to availability of course.

9.3 Registration will be done course-wise.

9.4 Categories of Registration

The Three categories of Registration are :

IR – Initial Registration

RPR — Repeat registration with two sub categories RL (Repeat registration for studying LPW component of a course) and RS (Repeat registration for studying all components of a course)

RER — Re-examination registration with two sub categories REC (Re examination registration of CE component of a course) and RES (Re examination registration of SEE component of a course.)

9.4.1 Initial Registration (IR)

In order to study a course for the first time, the student will register under the IR category. This will imply regular attendance for study of all components of that course and appearing at all examinations thereof.

IR registrations for courses of a semester are to be done for ALL courses of that

Semester as shown in the Teaching Scheme; IR registration will not be permitted for lesser number of courses. The student who so registers (IR) for all courses of a semester will be considered as having been registered in that semester.

New entrants admitted to the programme on the basis of HSCE/Diploma or equivalent will register (IR) for the first semester.

9.4.2   Repeat Registration (RS)

The student whose Term is not granted for any registered course (R.12) will   have to repeat the study of that course. He will have to seek fresh registration for this purpose. The category of such registration will be as follows:

Term not granted Category	Registration Category
NT	RS

RS - This category will imply regular attendance to study all components (i.e. LECT, CE, LPW as applicable) and appearing at all examinations thereof.

9.4.3 RE-Registration (RER)

This registration is necessary for appearing again in a particular examination of a course. It will not involve regular attendance for studying that course.

9. 4.4 RPR Registration

This term will be used where necessary to include registrations of both categories RL and RS.

9.5 Approval of Registration

Every student must apply in the prescribed form for registrations, as applicable. The decision on the student's request will be based on the availability of courses and applicable Regulations. The Director will issue appropriate orders for processing the application, including scrutiny, verification and final orders.

9.6 Simultaneous registration in different categories

9.6.1 Semesters will be registered in chronological order.

9.6.2 A student will not be permitted to register (IR) in the next higher semester in any of the following conditions:

  (i)   if the total number of courses with RER and/or RPR, as applicable, exceeds Three,

  (ii)   if the student fails in Studio course

9.6.3 The student who becomes eligible for IR registration in a higher semester must first register for all RER and RPR registrations as applicable in his case.

9.6.4 The student who is not eligible to register in a higher semester in any term must register in that term, for all RER and RPR registrations applicable in his case.

R.BARCH 10. GRADES

Performance Levels

The Performance level of the student in any examination will be adjudged in terms of the letter grades given in Table 1.

Grade (G)	Qualitative Meaning (GQ)	Equivalent Grade Point (g)
A+	Excellent	10
A	Creditable	9
B+	Very Good	8
B	Good	7
C+	Satisfactory	6
C	Conditional Pass	5
IF	Interim Fail	0
FF	Fail	0

R.BARCH 11. SCOPE OF EXAMINATIONS AND ASSESSMENT

In order to pass a course, the students will have to pass all examinations of that course. The scope of the examinations and the method of assessment will be as follows.

11.1 In all mark-based assessment, the overall percentage marks, if fractional, will be rounded off to the next higher integer value.

11.2 CE Examination (IR and RPR Registration)

All exercises in CE will be continuously assessed during the semester and given marks. Oral examination may be included in the assessment at all possible stages. The total marks of all Units of CE will be aggregated based on their *inter se* weightage which will be decided by the HOI, to give the overall percentage of marks in the CE examination.

If the student fails in CE examination, the student will not be permitted to appear in SEE of that course and the student will have to seek fresh registration as REC in subsequent semester, if the student is otherwise eligible.

11.3 LPW Examination (IR and RL/RS)

All assignments in Studio work/Laboratory work and Project Work will be continuously / periodically assessed (as applicable) during the semester. In addition, there will be an overall assessment at the end of the semester. Oral examination will be included in the assessment at all possible stages. Each assessment will be given marks. The total marks of all Units of LPW will be aggregated based on their inter se weightage to give the overall percentage of marks in the LPW examination.

If the student fails in LPW examination, the student will not be permitted to appear in SEE of that course and the student will have to seek fresh registration as RL in subsequent semester, if the student fulfills the condition of granting the term (R-12)"

The Chairperson will notify the procedure for assessment, review, viva voce etc to the students in advance.

11.4 Semester End Examination (SEE) (IR And RPR)

The expression "Semester End Examination" refers to the written examination of a course taken at the end of a semester. This will cover the full syllabus. The assessment will be marked based as per normal practice in written examinations.

11.5 Supplementary Examination (SPE) (RER Registration, Grade If in SEE)

The institute may decide to hold a Supplementary Examination after SEE for students who have obtained grade IF in SEE. Such students will have to seek RER registration.

11.6   Schedules of SEE and SPE

SEEs of all courses of the programme, as per the teaching scheme, will be held at the end of both terms.

The term end Supplementary Examinations (SPE), if held, will be for only those courses that are offered in the semesters of that term.

11.7   Absence in any examination with or without Regular Approval will be assigned   zero mark.

R.BARCH 12. GRANTING OF TERM

12.1   The Term will be granted course-wise

12.2   The granting of Term for all the students (IR, RPR) will depend on the compliance of maintaining minimum 85 % attendance in all components of the course (as applicable) Regular approval for remaining absent up to 15 % is necessary.

12.3   The student who has been given category NT may appeal to the Appeal Committee giving full reasons for his default. The decision of the Committee in all such cases will be final.

12.4   The student who is given NT category will not be permitted to appear in SEE of the concerned course. He will also be given grade FF in that course.

Note: In the case of long duration training or project work, where final examination is not possible before the Term ends, a certificate by the chairperson that the student's progress is satisfactory will be acceptable.

R.BARCH 13. GRADES IN EXAMINATIONS

13.1 CE and LPW Examinations

Grades for the CE and LPW examinations will be given on the basis of the percentage of marks obtained by the student in the respective examinations.

Table 2 (a) shall be referred for converting percentage marks into corresponding
Grades (G) for all examinations except CE and Table 2 (b) for CE

Table 2 (a)		Table 2 (b)	
All examinations except CE		**for CE**	
% marks	**Grade(G)**	**% marks**	**Grade(G)**
90 and above	A+	90 and above	A+
80-89	A	80-89	A
70-79	B+	70-79	B+
60-69	B	60-69	B
50-59	C+	50-59	C+
Less than 50	IF	45-49	C
		Less than 45	IF

13.2 Grade in SEE

In the normal course, a student (IR, RPR) and category GT will appear for SEE after his CE and LPW examination, in the same semester. Grade for the performance in SEE will be given on the basis of the percentage marks obtained by the student. Table 2(a) shall be referred to for converting percentage marks into corresponding grades (G) except that for categories - (i) and (ii) given below, grade IF will be given:

Performance	Grade
(i) Fail	IF
(ii) Absence	IF

Notwithstanding anything contained in terms of giving 'IF' grade as shown in (ii) in the table above, the Director of Institute will scrutinize the genuineness about remaining absence in Semester End Examination through Appeal Committee and if the Director, after said scrutiny, decides to show 'Ab' instead 'IF' in (ii) of above table then in the grade sheet, instead of 'IF', 'Ab(S)' shall be mentioned in such cases only.

13.3   Grade in SPE

The student of category (i) or (ii) of R. 13.2 (with grade IF) will be eligible to appear in the SPE (with RER registration) of that course at the end of that term. The criteria for giving grade in SPE will be the same as given in R.13.1 and R.13.2

13.4 The student who obtains grade IF in SPE/SEE will be allowed to appear in Three consecutively available subsequent SEE/s of the concerned course. The criteria for giving grades in these three attempts will be the same as given in R.13.1 and R.13.2. However, grade IF in the final attempt will be converted into grade FF.

13.5   Course Grade

Course grade will be given only when the student passes all component examinations.

Marks of SEE/ SPE, CE and LPW (as applicable) examinations shall first be aggregated on the basis of the component / inter se weightage given in the Teaching Scheme. After the aggregate marks of the entire group are so calculated, the performance of each student in the course as a whole will be assigned a grade based on his aggregate percentage viewed in relation to the overall performance of the group.

In giving relative grades, the number and designation of various grades (G) shall be kept the same as shown in Table 2 (a). The Chairperson and in his absence the Head of the Institute will decide the cut off percentages of relative grading subject to the guidelines prescribed by the Academic Council.

The Transcript will show only the Course Grade and not the Component Grades.

13.6   The provisions of R. 13.4 are subject to the maximum permissible duration to pass courses of first two semesters and the entire Programme given in R.17.

R.BARCH 14.   INTERPRETATION OF GRADES

(a)   Grade A+ should be given with great care and discretion. Normally it should be reserved for a very distinguished performance, with respect to both marks and quality of output.

(b)   Grade C+ is the minimum for passing a course and Grade C is conditional pass for CE component.

(c)   Grade FF

   i)   If this grade is given because of NT (R.12), the student will have to seek   RS registration for repeat study of the course.

   ii)   If the grade FF is given due to failure in the final admissible attempt in SEE,   the student will have to seek RS registration for repeat study.

(d)   Grade IF - This is an interim fail grade given in CE, LPW & SEE/SPE as under :

Performance	Grade
Fail in CE	IF(C)
Fail in LPW	IF (L)
Fail in SEE/SPE	IF (S)
Fail in overall course	IF (O)

Note: If a student gets IF (O) in a course, then he/she can improve his/her performance by repeating CE (all components) of the course in the subsequent semester depending upon his/her choice. In such case, he/she will also have to reappear in SEE.

R.BARCH 15. PASSING STANDARDS

15.1 Passing Component Examinations :

The standards of passing component examinations / course are given below.

(Min **C+** means grade **C+** or a better grade)

Component Examination		Passing Grade
CE	-	C+ (in case of grade C, refer regulation for Gracing)
LPW	-	C+
SEE	-	C+
Overall Course	-	C+

15.2 Gracing

15.2.1   A student not satisfying condition given in R 15.1 for passing a given course will be deemed to have been "Graced for passing" the course if the student fulfill the following two conditions:

(i)   Grade C in CE

(ii)   Min C+ in LPW and SEE/SPE (as applicable) and Min C+ in a course.

15.2.2   A student will be allowed a total of six Gracing in the entire programme.

15.2.3   No special mention about Gracing will be made in the Transcript.

15.3 Programme - Total credits of all credit courses of the Programme with CPI minimum 6.0.

15.4   Failure - Student not satisfying the criteria of Passing / Gracing will be considered as having failed in the Examination/ Component / Course / Programme.

15.5 The student who has once passed an examination will not be allowed to appear at it again for marks upgradation.

15.6 Grades/marks obtained by the student in examinations passed by him will be carried forward as necessary.

R.BARCH 16. PERFORMANCE LEVELS

16.1 Indices

The performance level of the student in credit courses at different stages of his study is given by the following indices. All index values will be rounded off to the second place of decimal.

PIC -- Performance index for the course

PPI -- Progressive Performance Index

SPI -- Semester Performance index

CPI -- Cumulative Performance index

PIC -- Equivalent grade point (g) corresponding to the course grade (R. 10 and 13.4)

PPI -- (Up to any stage under consideration) (i1 c1 +i2 c2 + i3 c3 ......) / (sum of credits of all courses registered up to that stage) where: i1, i2, i3.... are PIC values of CREDIT COURSES passed and c1, c2, c3..... are the credit values of the respective courses.

SPI -- This index is similar to PPI except that the stage to be considered is the end of a semester.

CPI -- This index refers to the entire programme. It is calculated when the student passes the programme. The method of calculation is the same as for PPI or SPI but the summation is for the courses of all semesters of the programme.

16.2 CLASS AND PERCENTAGE (%) MARKS

In case equivalence between CPI values and Class / % marks is desired, the same can be obtained as given below:

% marks = (CPI – 0.5)* 10

CLASS

CPI Value	Equivalent Class
6.00 to 6.49	Second
6.50 to 7.49	First
7.5 and above	First – with distinction

R.BARCH 17. CANCELLATION OF ADMISSION

The admission of following categories of students is liable to be cancelled:

(i) Failure to earn credits for all courses of Semester-I within four semesters of admission to the programme,

(ii) Failure to earn credits for all courses of Semester-II within five semesters of admission to the programme,

(iii) Failure to earn requisite credits and CPI min. 5.00 to pass the programme within a period (after admission to the programme), equal to the stipulated duration of the programme plus, two additional semesters.

The student, whose admission is so cancelled, can appeal to the Appeal Committee. The Committee may grant an extension upto the one additional semester for cases falling under (i) and (ii) and upto two additional semesters for cases falling under (iii) for deserving cases, provided the student gives a viable assurance to make up the shortfall within that period.

Notwithstanding anything contained above, the President may consider the cases of such students falling under the category (i), (ii) & (iii) if the student has cleared all the courses and have earned the requisite number of credits except one course, on an appeal filed. The President will consider such appeal on the recommendation of the Appeal Committee prescribed under the regulations for the purpose and after considering genuineness of the case may give one additional attempt to the student concerned to clear the remaining course.

R.BARCH 18. SUPPLEMENTARY COURSES

This category includes courses in General Development, Language and Communication Skills, Entrepreneurship etc. It also includes NCC & NSS courses.

Except in the case of NCC or NSS Training, the structure of these courses will be decided by Dean, Faculty of Architecture. The Course Structure of NCC/NSS will be prepared as and when they are introduced.

Except in the case of NCC or NSS training, the regulations for registration, granting of terms, examinations, assessment, grading and passing will be the same as those for the credit courses. However no Gracing will be allowed. The students will have to pass these course/s in a total of Four consecutively available attempts. Cases of students who do not still pass these course/s will be referred to the Appeal Committee. Its decision in such cases will be final.

The Transcript will contain an appropriate reference to these courses. Since no credits are allotted to them, they will not affect Performance Indices.

R. BARCH 19. AUDIT COURSES

Courses in this category are skill oriented and necessarily focused on the discipline under the study. Mostly they may be limited to class room teaching and related assignments but if necessary, they may include laboratory work also. These courses are optional and there will be no examination for them. In each semester, the Institute will notify the audit courses likely to be offered along with their teaching schemes. Students who desire to study any of the notified course/s can decide their choice in consultation with the concerned Faculty. The Institute will decide the courses to be actually offered after ascertaining the choice of the students. Normally a course will be offered if at least 8 students opt for its registration. Registration will be done course wise. A student will be allowed to register for only one Audit course per semester. The concerned Faculty will recommend the registration to the HOI for his approval and final orders. The student will be deemed to have completed the course satisfactorily if he shows good conduct and behaviour, maintains minimum 85% attendance and submits all assignments diligently and regularly. On satisfactory completion of the course, a suitable mention will be made in the Transcript of the student.

1.4 Academic Calendar for B. Arch (Semester-I)

Academic Year : 2020-21 (Odd Term)*

Semester commencement	10.11.2020
Teaching Phase – I (1 weeks)	10.11.2020 to 21.11.2020
Diwali Break (common for all)	12.11.2020 to 18.11.2020
Teaching Phase – II (6 weeks)	23.11.2020 to 02.1.2021
Mid Semester Review (CE, LPW & Attendance)	02.01.2021 (other than studio courses) 09.01.2021 (for studio courses)
Teaching Phase – II (8 weeks)	04.01.2020 to 27.02.2021
Preparation for Jury / SEE (Teaching Phase – III : 1 Weeks)	01.03.2021 to 06.03.2021
End Semester Review (CE, LPW & Attendance)	27.02.2021 (Other than studio courses), 06.03.2021 (for studio courses)
Semester End Exam (SEE)	01.03.2021 to 06.03.2021
Final Jury week	01.03.2021 to 06.03.2021
Winter Break (1 weeks)	08.03.2021 to 13.03.2021
Semester commencement (Even)	15.03.2021

HOLIDAYS

Bhai Bij / Bhai Duj	16.11.2020
Guru Nanak's Birthday	30.11.2020
Christmas Day	25.12.2020
Uttarayan	14.01.2021
Republic day	26.01.2021

Subject to change as per Guideline from Nirma University

1.5 ELIGIBILITY FOR ADMISSION IN B.ARCH.

[Refer : R. BARCH. 2]

Eligibility Criteria for candidates seeking admission to Bachelor of Architecture

(A) The students seeking admission in the 1st year of Degree Programme leading to Bachelor of Architecture (B.Arch.) shall have passed the qualifying examination with minimum eligibility criteria of percentage of marks and subjects as prescribed in the rules of admission framed by the Government of Gujarat.

Determination of merits for the admission:

The admission to above course shall be given on merits by adopting one of the following method as decided by the Academic Council :

(a) The marks obtained in qualifying examination

OR

(b) The Entrance Test conducted by the Nirma University

OR

(c) The marks obtained in Entrance Test + Qualifying Examination weightage of which shall be decided by the Academic Council.

OR

(d) Any other method to be decided by the Academic Council.

ANNEXURE I

RULES AND REGULATIONS UNDERTAKING

Roll No./Merit No. _____

I, Mr./Ms. _____ son/daughter

of _____

have secured admission at the Institute of Architecture & Planning. Nirma University in the year

_____ for the B.Arch Programme. We hereby confirm that we have gone through the

academic rules and regulations of the Institute very carefully and we assure you that we will abide by the

same.

_____

Name & Signature of Student

_____

Name & Signature of Parent/Guardian

ANNEXURE I A

Undertaking for Granting of Term

I _____ Roll No.

_____ studying in First year of B. Arch. course at Institute of Architecture and Planning,

Nirma University, Ahmedabad give an undertaking that I have read and understood all the Rules &

Regulation of the Examination at the Institute of Architecture and Planning particularly the B. Arch. and I

shall observe, follow & abide all these Rules. If not, Institute of Architecture and Planning, Nirma

University can take necessary action as per the said provisions.

R.BARCH 12. GRANTING OF TERM

12.1   The Term will be granted course-wise

12.2   The granting of Term for all the students (IR, RPR) will depend on the compliance of maintaining minimum 85 % attendance in all components of the course (as applicable) Regular approval for remaining absent up to 15 % is necessary.

12.3   The student who has been given category NT may appeal to the Appeal Committee giving full reasons for his default. The decision of the Committee in all such cases will be final.

12.4   The student who is given NT category will not be permitted to appear in SEE of the concerned course. He will also be given grade FF in that course.

Note: In the case of long duration training or project work, where final examination is not possible before the Term ends, a certificate by the chairperson that the student's progress is satisfactory will be acceptable.

Yours faithfully,

Name: _____

Address: _____

Signature of Parents: _____

NIRMA UNIVERSITY

INSTITUTE OF ARCHITECTURE & PLANNING

NAAC ACCREDITED 'A' GRADE

ANNEXURE I B

Undertaking (Cancellation of Admission)

R.B.Arch 17. CANCELLATION OF ADMISSION

The admission of following categories of students is liable to be cancelled:

(i)   Failure to earn credits for all courses of Semester-I within four semesters of admission to the programme.

(ii) Failure to earn credits for all courses of Semester-II within five semesters of admission to the programme.

(iii) Failure to earn requisite credits and CPI min. 6.00 to pass the programme within a period (after admission to the programme), equal to the stipulated duration of the programme plus, two additional semesters.

The student, whose admission is so cancelled, can appeal to the Appeal Committee. The Committee may grant an extension upto the one additional semester for cases falling under (i) and (ii) and upto two additional semesters for cases falling under (iii) for deserving cases, provided the student gives a viable assurance to make up the shortfall within that period.

Notwithstanding anything contained above, the President may consider the cases of such students falling under category (i), (ii) & (iii), if the student has cleared all the courses and have earned the requisite number of credits except one course, on an appeal filed. The President will consider such appeal on the recommendation of the Appeal Committee prescribed under the regulation for the purpose and after considering the genuineness of the case may give one additional attempt to the student concerned to clear the remaining course.

_____   _____

Name of the Student   Signature of the Student

_____   _____

Name of the Parent/Guardian   Signature of the Parent/Guardian

ANNEXURE II

Attendance Policy

Guidelines for Students

- The students are required to attend all the classes, seminars, LPW Hours (Project / Practical work/Tutorials) conducted throughout the day.

- In every course, attendance will be taken by the course coordinator / faculty in-charge of the class. Mere attendance is not the objective but positive interaction and learning environment is a given expectation from the students.

- Attendance will be taken in the first 5 minutes of the class. Students have to be present in the class before the faculty enters. If students enter later then that they will not be granted attendance under any circumstances

- Students are required to seek prior permission from the Director/Academic Coordinator for remaining absent from any of the classes, seminars, LPW Hours (Project/Practical work/Tutorials). Absence without prior permission would be treated as indisciplined act and will be proceeded accordingly. In case of any emergency/ medical reasons, if students are not able to seek the prior permission, they are required to intimate to the Area Head the reasons for remaining absent through e-mail or SMS. In case of medical reasons, medical certificate is to be submitted within three days after the student resume the Institute.

- As per the University regulations, students are required to attend 85% of the classes conducted in each course. Leave taken on medical / social grounds are permissible to the extent of the rest of the 15% of total attendance. In case of deficit in attendance in respective course, term of the course will not be granted and the student concerned will not be able to appear in Semester End Examination (SEE) in such cases.

- It is also compulsory to attend the Project Work/Practical Work classes. A minimum of 85% attendance is also required in the Project Work/Practical Work classes. The attendance data of Project Work/Practical Work classes will be maintained separately and there will be separate attendance review of the same.

- At the end of each month, attendance review showing the percentage of attendance, each students have attended in every course will be placed on the notice board. The students who do not meet the minimum attendance criteria will be warned after this review and their parents will also be intimated regarding the attendance of their ward via SMS and email. In cases where there is persistant irregularity, parents will also be called for a meeting with the Acdemic Coordinator / Exam Coordinator or HOI.

- At the end of the semester, final attendance review will be carried out. Students who do not meet the minimum attendance criteria must apply to Appeal Committee stating the reason(s) for the shortfall in attendance. On receiving of the application for an appeal, the Appeal Committee will hear the candidate and decide the case accordingly.

- During the semester students may avail the Academic Leave. Academic leave is defined as the leave that is taken for attending Competitions, Conference / Seminars, etc. and other events that are of academic nature. The Academic Leave may be of two types:

- In case the student represents the Institute, he/she has to face a selection cum screening committee scrutiny. After the due process, the selected students would be granted leave. All academic leaves granted for representing the Institute will be funded by the Institute as per rules.

- If the student by his own initiative wishes to attend a conference / seminar etc. he/she must apply in prescribed format. The Institute would look into the participative importance from students' and Institutes' point of view and after review of the paper to be presented in the conference/seminar the Institute will take decision about the leave. Paper may be reviewed by the concerned faculty member who is expert in the respective field. Mere participation will not be a ground for consideration. This type of academic leave can be availed by a student only ONCE in a semester.

- Notwithstanding anything prescribed in the above mentioned clauses the Head of the Institute may grant academic leave to any student if the HOI thinks that the reason for leave is of Academic nature and is in the interest of the institute and the student.

- Academic Leave form should be submitted to the Academic Coordinator and after scrutining it will be placed before HOI for approval. The record of the same will be maintained by the student section for the final review.

- Academic Leave will be credited to the attendence of the students at the time of final review

- In case of genaeral/medical leave, students should submit filled up leave form to respective Area Head and after their approval. The record of the same will be maintained by the student section.

- Academic leave is required to be duly authorized by Director, IAP-NU.

   (Notwithstanding anything contain in this clause, Dean-Faculty of Architecture & Planning, shall give relaxation in appropriate cases.)

ANNEXURE III

Policy for Promotion of Academic Integrity and Prevention of Plagiarism

Preamble:

Nirma University aspires to facilitate the highest standards of knowledge and skill development through its academic and research programmes. It offers conducive and inspiring environment where ethics and honesty are integral to the education system. Over a period of time, it has generated a significant impact, which makes it mandatory for the University to follow the high standards of ethics.

Since beginning, the University strives for the 'Zero Tolerance' against plagiarism. In fact, the University has prepared a comprehensive document describing the rules and guidelines to prevent plagiarism. The said document was approved by the Academic Council in its meeting held on 29-09-2015. Subsequently, it was also approved by the Board of Governors under Resolution No. 5 (B) in its meeting held on 30-09-2015. Since then, the rules are implemented at all levels.

Later on in July 2018, the UGC has issued Regulations(Notification No. F. 1-18/2010(CPP-II), dated July 23, 2018) for promotion of academic integrity and prevention of plagiarism in higher educational institutions. In light of these regulations, Nirma University has adopted this Policy for Promotion of Academic Integrity and Prevention of Plagiarism.

1. Application and Commencement:

This policy shall apply to the students, faculty, researchers and staff members of Nirma University.

This policy shall come into force from the date of its notification by Nirma University.

2. Definitions:

In this policy, unless the context otherwise requires—

a. "Academic Integrity" is the intellectual honesty in proposing, performing and reporting any activity, which leads to the creation of intellectual property;

b. "Author" includes a student or a faculty or a researcher or staff of Nirma University who claims to be the creator of the work under consideration;

c. "Commission" means the University Grants Commission as defined in the University Grants Commission Act, 1956;

d. "Common Knowledge" means a well-known fact, quote, figure or information that is known to most of the people;

e. "Degree" means any such degree specified by the University Grants Commission, by notification in the Official Gazette, under Section 22 of the University Grants Commission Act, 1956;

f. "Institute Academic Integrity Panel" shall mean the body constituted at the institute level to investigate allegations of plagiarism;

g. "Faculty" refers to a person who is teaching and/or guiding students enrolled in Nirma University in any capacity whatsoever i.e. regular, ad-hoc, guest, temporary, visiting, etc;

h. "Information" includes data, message, text, images, sound, voice, codes, computer programs, software and databases or microfilm or computer generated microfiche;

i. "University Academic Integrity Panel" shall mean the body constituted at University level to consider recommendations of the institutional academic integrity panel and take appropriate decisions in respect of allegations of plagiarism and decide on penalties to be imposed.

j. "Plagiarism" means the practice of taking someone else's work or idea and passing them as one's own.

k. "Programme" means a programme of study leading to the award of a masters and research level degree;

l. "Researcher" refers to a person conducting academic / scientific research in Nirma University;

m. "Script" includes research paper, thesis, dissertation, chapters in books, full-fledged books and any other similar work, submitted for assessment / opinion leading to the award of master and research level degrees or publication in print or electronic media by students or faculty or researcher or staff members of Nirma University; however, this shall exclude assignments / term papers / project reports / course work / essays and answer scripts etc.;

n. "Source" means the published primary and secondary material from any source whatsoever and includes written information and opinions gained directly from other people, including eminent scholars, public figures and practitioners in any form whatsoever as also data and information in the electronic form be itaudio, video, image or text; Information being given the same meaning as defined under Section 2 (1) (v) of the Information Technology Act, 2000;

o. "Staff" refers to all non-teaching staff working in Nirma University and its constituent Institutes in any capacity whatsoever i.e. regular, temporary, contractual, outsourced etc.;

p. "Student" means a person duly admitted and pursuing a programme of study including a research programme in any mode of study (full time or part-time or distance mode);

q. "Year" means the academic session in which a proven offence has been committed.

r. "FDSR' means the Faculty of Doctoral Studies and Research

3.   Objectives:

3.1 To create awareness about responsible conduct of research, thesis, dissertation, promotion   of academic integrity and prevention of misconduct including plagiarism in academic writing among student, faculty, researcher and staff members.

3.2 To establish institutional mechanism through education and training to facilitate responsible conduct of research, thesis, dissertation, promotion of academic integrity and deterrence from plagiarism.

3.3 To develop systems to detect plagiarism and to set up mechanisms to prevent plagiarism and punish a student, faculty, researcher or staff of the University committing the act of plagiarism.

4. Duties of the Constituent Institutes, Departments and Centres:

Every constituent Institute /Department of Nirma University should establish the mechanism as prescribed in this Policy, to enhance awareness about responsible conduct of research and academic activities, to promote academic integrity and to prevent plagiarism.

5. Awareness Programs and Trainings:

a) The constituent Institutes /Departments shall instruct students, faculty, researcher and staff members about proper attribution, seeking permission of the author wherever necessary, acknowledgement of source compatible with the needs and specificities of disciplines and in accordance with rules, international conventions and regulations governing the source.

b) The constituent Institutes /Departments shall conduct sensitization seminars/ awareness programs every semester on responsible conduct of research, thesis, dissertation, promotion of academic integrity and ethics in education for students, faculty, researcher and staff members.

c) The constituent Institutes /Departments shall :

i) Include the cardinal principles of academic integrity in the curricula of Undergraduate (UG)/Postgraduate (PG)/Master's degree, etc. as a compulsory course work/module.

ii) Include elements of responsible conduct of research and publication ethics as a compulsory course work/module for Masters and Research Scholars.

iii) Include elements of responsible conduct of research and publication ethics in Orientation and Refresher Courses organized for faculty and staff members.

iv) Train student, faculty, researcher and staff members for using plagiarism detection tools and reference management tools.

v) Encourage student, faculty, researcher and staff to register on international researcher's registry systems.

6. Curbing Plagiarism:

a. The constituent Institutes /Departments shall declare and implement the technology based mechanism using appropriate software so as to ensure that documents such as thesis, dissertation, publications or any other such documents are free of plagiarism at the time of their submission.

b. The mechanism as defined at (a) above shall be made accessible to all engaged in research work including student, faculty, researcher, staff members, etc.

c. Every student submitting a thesis, dissertation, or any other such documents shall submit an undertaking indicating that the document has been prepared by him or her and that the document is his/her original work and free of any plagiarism.

d. The undertaking shall include the fact that the document has been duly checked through a Plagiarism detection tool approved by Nirma University.

e. Each research supervisor/guide shall submit a certificate indicating that the work done by the researcher under him / her is plagiarism free.

7. Similarity Checks for Exclusion from Plagiarism:

The similarity checks for plagiarism shall exclude the following:

i) All quoted work reproduced with all necessary permission and/or attribution.

ii) All references, bibliography, table of content, preface and acknowledgements.

iii) All generic terms, laws, standard symbols and standards equations.

Note:

The research work carried out by the student, faculty, researcher and staff shall be based on original ideas, which shall include abstract, summary, hypothesis, observations, results, conclusions and recommendations only and shall not have any similarities. It shall exclude a common knowledge or coincidental terms, up to fourteen (14) consecutive words.

8. Levels of Plagiarism:

Plagiarism would be quantified into following levels in ascending order of severity for the purpose of its definition:

i) Level 0: Similarities upto 10% - Minor similarities, no penalty

ii) Level 1: Similarities above 10% to 40%

iii) Level 2: Similarities above 40% to 60%

iv) Level 3: Similarities above 60%

9. Detection/Reporting/Handling of Plagiarism:

If any member of the academic community suspects with appropriate proof that a case of plagiarism has happened in any document, he or she shall report it to the Institutional Academic Integrity Panel (IAIP). Upon receipt of such a complaint or allegation the IAIP shall investigate the matter and submit its recommendations to the University Academic Integrity Panel (UAIP) of the University.

The authorities of the University can also take suomotu notice of an act of plagiarism and initiate proceedings under this Policy. Similarly, proceedings can also be initiated by the University on the basis of findings of an examiner. All such cases will be investigated by the UAIP.

10. Institutional Academic Integrity Panel (IAIP):

i) All Institutes of the University shall notify a IAIP whose composition shall be as given below:

a. Chairman - Head of the Institute

b. Member - Senior academician from outside the Institute, to be nominated by the Director General.

c. Member - A person well versed with anti-plagiarism tools, to be nominated by the Head of the Institute.

The tenure of the members in respect of points 'b' and 'c' shall be two years. The quorum for the meetings shall be 2 out of 3 members (including Chairman).

ii) The IAIP shall follow the principles of natural justice while deciding about the allegation of plagiarism against the student, faculty, researcher and staff.

iii) The IAIP shall have the power to assess the level of plagiarism and recommend penalty(ies) accordingly.

iv) The IAIP after investigation shall submit its report with the recommendation on penalties to be imposed to the UAIP within a period of 45 days from the date of receipt of complaint / initiation of the proceedings.

11. University Academic Integrity Panel (UAIP):

i) The University shall notify a UAIP whose composition shall be as given below:

a. Chairman – Dean, FDSR

b. Member - Senior Academician other than Chairman, to be nominated by the Director General.

c. Member - One member nominated by the Director General from outside the University

d. Member - A person well versed with anti-plagiarism tools, to be nominated by the Director General.

The Chairman of IAIP and UAIP shall not be the same. The tenure of the Committee members including Chairman shall be three years. The quorum for the meetings shall be 3 out of 4 members (including Chairman).

ii) The UAIP shall consider the recommendations of IAIP.

iii) The UAIP shall also investigate cases of plagiarism as per the provisions mentioned in this Policy.

iv) The UAIP shall follow the principles of natural justice while deciding about the allegation of plagiarism against the student, faculty, researcher and staff members.

v) The UAIP shall have the power to review the recommendations of IAIP including penalties with due justification.

vi) The UAIP shall send the report after investigation and the recommendation on penalties to be imposed to the Director General within a period of 45 days from the date of receipt of recommendation of IAIP/ complaint / initiation of the proceedings.

vii) The UAIP shall provide a copy of the report to the person(s) against whom inquiry report is submitted.

12. Penalties:

Penalties in the cases of plagiarism shall be imposed on students pursuing studies at the level of Masters and Research programs and on researcher, faculty and staff members of the University only after academic misconduct on the part of the individual has been established without doubt, when all avenues of appeal have been exhausted and individual in question has been provided enough opportunity to defend himself or herself in a fair or transparent manner.

12.1 Penalties in case of Plagiarism in Submission of Thesis and Dissertations (Masters/Ph.D. Programme)

The University Academic Integrity Panel (UAIP) shall impose penalty considering the severity of the Plagiarism.

i) **Level 0:** Similarities up to 10% - Minor Similarities, no penalty.

ii) **Level 1:** Similarities above 10% to 40% - Such student shall be asked to submit a revised script within a stipulated time period not exceeding 6 months.

iii) **Level 2:** Similarities above 40% to 60% - Such student shall be debarred from submitting a revised script for a period of one year.

iv) **Level 3:** Similarities above 60% -Such student registration for that programme shall be cancelled.

Note 1: Penalty on repeated plagiarism

Such student shall be punished for the plagiarism of one level higher than the previous level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative.

Note 2: Penalty in case where the degree/credit has already been obtained

If plagiarism is proved on a date later than the date of award of degree or credit as the case may be then his/her degree or credit shall be put in abeyance for a period recommended by the UAIP and approved by the Director General.

12.2 Penalties in Case of Plagiarism in Academic and Research Publications

i) **Level 0:** Similarities up to 10% - Minor similarities, no penalty.

ii) **Level 1:** Similarities above 10% to 40%

- Shall be asked to withdraw manuscript.

iii) Level 2: Similarities above 40% to 60%

- Shall be asked to withdraw manuscript.

- Shall be denied a right to one annual increment.

- Shall not be allowed to be a supervisor to any new Master's, M.Phil., Ph.D. Student/scholar for a period of two years.

iv) Level 3: Similarities above 60%

- Shall be asked to withdraw manuscript.

- Shall be denied a right to two successive annual increments.

- Shall not be allowed to be a supervisor to any new Master's, M.Phil., Ph.D. Student/scholar for a period of three years.

Note 1: Penalty on repeated plagiarism - Shall be asked to withdraw manuscript and shall be punished for the plagiarism of one level higher than the lower level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative. In case level 3 offence is repeated then the disciplinary action including suspension/termination as per service rules shall be taken by the University.

Note 2: Penalty in case where the benefit or credit has already been obtained - If plagiarism is proved on a date later than the date of benefit or credit obtained as the case may be then his/her benefit or credit shall be put in abeyance for a period recommended by UAIP and approved by the Director General.

Note 3: The constituent Institutes /Departments shall create a mechanism so as to ensure that each of the paper publication/thesis/dissertation by the student, faculty, researcher or staff is checked for plagiarism at the time of forwarding/submission.

Note 4: If there is any complaint of plagiarism against the Head of Institute, a suitable action, in line with these regulations, shall be taken by the Director General of the University.

Note 5: If there is any complaint of plagiarism against the Head of Department at the institutional level, a suitable action, in line with these regulations, shall be recommended by the UAIP and approved by the Competent Authority of the University.

Note 6: If there is any complaint of plagiarism against any member of IAIP or UAIP, then such member shall excuse himself / herself from the meeting(s) where his/her case is being discussed/investigated.

30.00 MT. T. P. ROAD

ROAD

18.00 MT. T. P. ROAD

YOU ARE HERE

TO GANDHINAGAR

N.H. 8-A

TO SARKHEJ

N

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NIRMA UNIVERSITY

INSTITUTE OF ARCHITECTURE & PLANNING

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