



### Departmental Circular

- Referenced:
1. R-44 – Empowering Academic Council to approve teaching and examination scheme, syllabi, etc published vide notification No. NU-442 dated 27.01.2004 (as amended)
  2. Notification No. NU-67 dated 11.05.2017- Introduction of Teaching & Examination Scheme and Syllabus of Semester- VII and VIII of B.Arch programme
  3. Notification No. NU-177 dated 20.12.2018- Revision in Teaching and Examination Scheme of Semester- 1 to X of B.Arch programme due to offering of Related Study Programme (RSP) as option
  4. Resolution No. 3(C)- Faculty of Architecture & Planning meeting – 03.03.2020
  5. Resolution No. 9 (C)– Academic Council meeting – 16.06.2020
  6. Approval of the Director General on note-dated
  7. Notification No.- NU/AC/AC-160620/9 (C)/20-24 Dated- 24.07.2020
  8. Reference Notification No. NU/AC/AC-160620/9(C)/20


#### **Sub: Revision in the Teaching and Examination Scheme and Syllabi of Semester- VII to X of B.Arch Programme**

It is hereby notified for information of all concerned that the Academic Council in its meeting held on 16.06.2020 under resolution No. 9(C) in exercise of powers conferred upon it by the Board of Governors under regulation mentioned at serial 1 above and taking into consideration the recommendations of the Faculty of Architecture & Planning, has resolved to approve revision in the teaching and examination scheme and syllabi of semester- VII to X of B.Arch. programme to be made effective for the students to be registered in the respective semester in the academic year 2020-21 only due to covid- 19 pandemic.

- i. **Swamping of all courses of 'Semester- VII' to Semester-VIII**
- ii. Amendment in the Institute elective courses due to updation of course codes, credit and examination scheme

It is further notified that the Director General was authorized to approve the revised document incorporating the suggestions made by the Academic Council and the final document as approved by the Director General is attached herewith as

*Appendix-A*

  
 Director,

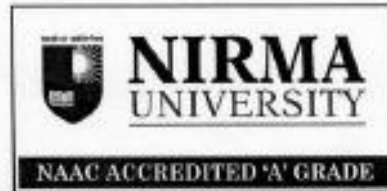


Encl. Appendix- A

To,

1. All Faculty Members, Institute of Architecture and Planning, Nirma University
2. Office Superintendent, Institute of Architecture and Planning, Nirma University
3. Exam Section, Institute of Architecture and Planning, Nirma University
4. Library, Institute of Architecture and Planning, Nirma University

NU/AC/AC-160620/9(C)/20-24  
Date: 24.07.2020



### NOTIFICATION

- Read: 1. R-44 – empowering Academic Council to approve teaching & examination scheme, syllabi, etc published vide notification No. NU-442 dated 27.01.2004 (as amended)
2. Notification No. NU-67 dated 11.05.2017 - Introduction of Teaching & Examination Scheme and Syllabus of Semester-VII and VIII of B.Arch. programme
3. Notification No. NU-177 dated 20.12.2018 - Revision in Teaching and Examination Scheme of Semester-I to X of B.Arch. programme due to offering of Related Study Programme (RSP) as option
4. Resolution No. 3(C) – Faculty of Architecture & Planning meeting – 03.03.2020
5. Resolution No. 9(C)– Academic Council meeting – 16.06.2020
6. Approval of the Director General on note-dated

Sub: Revision in the Teaching and Examination Scheme and Syllabi of Semester-VII to X of B.Arch. programme

It is hereby notified for information of all concerned that the Academic Council in its meeting held on 16.06.2020 under resolution No. 9(C) in exercise of powers conferred upon it by the Board of Governors under regulation mentioned at serial 1 above and taking into consideration the recommendation of the Faculty of Architecture & Planning, has resolved to approve *revision* in the Teaching and Examination Scheme and Syllabi of Semester-VII to X of B.Arch. programme, to be made effective for the students to be registered in respective semester in the academic year 2020-21 only due to the COVID-19 Pandemic:

- i. Swapping of all courses of 'Semester-VII' to **Semester-VIII**
- ii. Amendment in the Institute Elective courses due to updation of course codes, credit and examination scheme

It is further notified that the Director General was authorized to approve the revised document incorporating the suggestions made by the Academic Council and the final document as approved by the Director General is attached herewith as *Appendix-A*.

  
Executive Registrar

Encl.: Appendix-A [Pages 1 to 58]



To,  
1. Dean, Faculty of Architecture & Planning  
2. Dy. Registrar (Exam)

Copy to,  
1. Exam Sec.  
2. OS  
3. Library  
4. P.A. to ER

c.f.w.cs. to Director General

**NIRMA UNIVERSITY  
INSTITUTE OF ARCHITECTURE & PLANNING  
TEACHING AND EXAMINATION SCHEME**

**Bachelor of Architecture  
SEMESTER VIII**

Course Code	Name of the Course	Teaching Scheme				Scheme of Examination				
						Duration		Component Weightage		
		L	T	P	C	SEE	LPW/PW	CE	LPW/PW	SEE
<b>Core course</b>										
2AR853	Urban Context Studio	-	-	12	8	-	-	0.6	0.4	-
2AR854	Research Seminar	2	-	1.5	3	3	-	0.6	0.4	-
2AR855	Introduction to Urban Planning	1	-	3	3	3	-	0.4	0.2	0.4
2ARS08	Related Study Programme #	(2/3 Weeks, Block course) (Minimum 21 days X 8 Hrs. = 168 Hrs.)			3	-	-	-	1	-
<b>Institute Elective</b>										
2ARE*	Elective*	2	-	1.5	3	-	-	0.6	0.4	-
2ARE*	Elective*	2	-	1.5	3	-	-	0.6	0.4	-
<b>Total</b>		<b>7</b>	<b>-</b>	<b>19.5</b>	<b>20/23S</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

L: Lecture,

T: Tutorial,

P: Practical,

C: Credit

CE: Continuous Evaluation,

LPW: Lab/Project/Studio Work,

SEE: Semester End Examination

#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

\* **Institute Elective Courses** (students have to register in course not taken in the previous semesters)

**NIRMA University**  
**Institute of Architecture and Planning**  
**Bachelor of Architecture**  
**Semester-VII**

<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
-	-	12	8

<b>Course Code</b>	2AR753
<b>Course Title</b>	<b>Urban context studio</b>

**Course Learning Outcomes (CLO):**

At the end of the course, students will be able to -

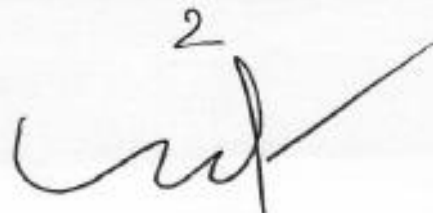
- Establish relationship of proposed project in the urban context
- Analyze institutional character, abstraction & design development
- Integrate building systems in the design
- Prepare detailed architectural design of the proposed building

**Syllabus:**

**Total Teaching hours: 180 Hrs**

Note: Following studio topics as mentioned below will be given as an optional module to students to choose in an urban context. Student can choose any one topic out of 4 topics that will be offered.

<b>Unit No.</b>	<b>Syllabus: Topic</b>	<b>Studio / Sub Topic</b>	<b>Teaching hours:</b>
I.	Service oriented building	Design development of structures and services of a complex building design. Relationship of different functional, service and movement areas for User group. Awareness and applications of Environmental Concerns and Energy Efficiency. Design Exercise : Design problem of a building involving a high level of services and advanced structural systems eg. Hotels, Health care like hospitals, clinics, asylum, Well being like spa, sauna, sports facility building, veterinary hospital etc.	180 hours
II.	Conservation / Reuse /Urban Insert	<b>Urban Insert</b> Developing the understanding of urban sector Issues regarding structure, building composition – its correlation with part and whole and infrastructure Building laws and controls, Building typology and morphology Principles of conservation and reuse of buildings in	180 hours

2  


		<p>given context</p> <p>Building expressions in relation with tradition and modern times</p> <p>Urban insert, relationship of the proposed building to the surrounding builtform character</p> <p>Design Exercise: New building in historic context, conservation, reuse of building</p>	
III.	Layout and design commercial spaces	<p><b>B. Commercial Building</b></p> <p>Developing understanding of basic commercial building concepts in accordance with multi functionality of buildings.</p> <p>Methods of building with several combinations of materials.</p> <p>To integrate detailed requirements, careful site analysis and functional design to produce corporate identities and creative spirits.</p> <p>Introduction to urban development control regulation, codes and bye-laws.</p> <p>Design Exercise: The subject may include shopping complex, malls, Grocery stores, multiplex, office buildings etc.</p>	180 hours
IV.	Green building & Design of public spaces	<p>Design Exercise :Design involving Advance climatic responsive building, Green Rating building, Bio-mimicry, Mobile Building, Based on New material-strategy etc.</p> <p><b>C. Issue based or live project based</b></p> <p><b>D. Design Exercise: Involving Rehabilitation project, riverfront development, Lack front development etc.</b></p>	180 hours

**Suggested Readings:**

- Daniel Williams , "Sustainable Design: Ecology, Architecture & Planning" , John Wiley & Sons, 2007
- Lynch, Kevin, "The Image of the City", MIT Press, Cambridge, Mass., 1960.
- Krier, Rob, "Urban Space", Academy Editions, London,1967
- Koenigsberger, etal., "Manual of Tropical Housing & Building: Part I - Climatic Design", Orient Longman, Chennai , 1984.
- Evans, Martin, "Housing, Climate and Comfort". The Architectural Press, London, 1980
- Kishan, Baker and Szokolay, Climate Responsive Architecture. Tata McGraw Hill, 2002
- Charles correa, "A Place in the Shade: The New Landscape & Other Essays",2010
- Charles correa, "Housing and Urbanization",2000,Thames and Hudson
- Christopher Benninger,"Architecture to Modern India",2016
- Raj Rewal, "Humane Habitat at Low Cost: CIDCO, Belapur", New Mumbai,2000,

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