

ARP/2026/333

14/05/26

Maulana Azad National Institute of Technology, Bhopal - 462003

SCHEME FOR B. ARCH. w.e.f. July - 2025

M.A.N.I.T./Arch/1st Sem

5561

दिनांक/Date

14/05/2026

FIRST SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 1101	Architectural Design Project- 1	Theory (6 Hrs)	1	-	-	6	10
AP AR 1102	Building Materials & Construction - 1	Theory	1	-	-	4	7
AP AR 1103	Architectural Drawing - 1	Theory	2	-	4	-	4
AP AR 1104	History of Art & Culture	Theory	1	-	2	-	2
AP AR 1105	Environment & Ecology	Theory	2	-	-	-	2
AP AR 1126	Computer Applications - 1	Viva	1	-	3	-	3
SA 1141 / SA 1142	Life Skill Management / Physical Health Education	-	-	-	2	-	1
Total Hours = 29			8	-	11	10	29
Total Credits (Cumulative)						29	
Additional Subject: - National Cadet Corps (NCC)							
NC1151	National Cadet Corps - I		1	1	-	-	2
Total Credits (Cumulative)						2	

Note: Compulsory study trip / tour in Architectural Design subject as a part of studio.

SECOND SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR1201	Architectural Design Project-2	Theory (6 Hrs)	1	-	-	6	10
AP AR 1202	Building Materials & Construction- 2	Theory	1	-	-	4	7
AP AR 1203	Architectural Drawing - 2	Theory	2	-	4	-	4
AP AR 1204	History of Architecture - 1	Theory	1	-	2	-	2
CE 1215	Structural Mechanics	Theory	1	2	-	-	3
AP AR 1222	Workshop & Model-Making	Viva	-	-	4	-	2
SA 1243/ SA 1244	NSS / Yoga	-	-	-	2	-	1
Total Hours = 30			6	2	12	10	29
Total Credits (Cumulative)						58	
Additional Subject: - National Cadet Corps (NCC)							
NC 1252	National Cadet Corps - II		1	1	-	-	2
Total Credits (Cumulative)						4	

Note: Compulsory study trip/ tour in Architectural Design subject as a part of studio.

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THIRD SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 2101	Architectural Design Project- 3	Viva	1	-	-	6	10
AP AR 2102	Building Materials & Construction- 3	Theory	1	-	-	4	7
AP AR 2103	History Architecture- 2	Theory	1	-	2	-	2
AP AR 2104	Climatology	Theory	1	-	2	-	2
AP AR 2105	Architectural Communication Skill	Viva	1	-	3	-	3
CE 2131	Structure- 1	Theory	1	2	-	-	3
CE 2132	Surveying	Theory	1	-	4	-	3
Total Hours = 30			7	2	11	10	30
Total Credits (Cumulative)						88	

Additional Subject: - National Cadet Corps (NCC)

NC 2151	National Cadet Corps III	1	5	1	-	7
Total Credits (Cumulative)						11

Note: Compulsory study trip/ tour in Architectural Design subject.

FOURTH SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 2201	Architectural Design Project- 4	Viva	1	-	-	6	10
AP AR 2202	Building Materials & Construction- 4	Theory	1	-	-	4	7
AP AR 2203	Theory of Architectural Design	Theory	1	-	2	-	2
AP AR 2204	Building Services - Water Supply & Sanitation	Theory	1	-	2	-	2
AP AR 2205	Landscape- 1	Viva	2	-	2	-	3
AP AR 2206	Computer Applications- 2	Viva	1	-	3	-	3
CE 2241	Structure- 2	Theory	1	2	-	-	3
Total Hours = 29			8	2	9	10	30
Total Credits (Cumulative)						118	

Additional Subject: - National Cadet Corps (NCC)

NC 2252	National Cadet Corps III	2	-	1	-	3
Total Credits (Cumulative)						14

Note: Compulsory study trip/ tour in Architectural Design subject.

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FIFTH SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 3101	Architectural Design Project- 5	Viva	1	-	-	6	10
AP AR 3102	Building Materials & Construction- 5	Theory	1	-	-	4	7
AP AR 3103	Acoustics	Theory	1	-	2	-	2
AP AR 3104	Quantity Surveying, Specifications and Valuation	Theory	2	-	2	-	3
AP AR 3105	Computer Applications- 3	Viva	1	-	2	-	2
CE 3131	Structure- 3	Theory	1	2	-	-	3
EE 3131	Building Services- Electrical	Theory	1	2	-	-	3
Total Hours = 28			8	4	6	10	30
Total Credits (Cumulative)							148

		Additional Subject: - National Cadet Corps (NCC)				
NC 3151	National Cadet Corps V	1	5	1	-	7
Total Credits (Cumulative)						21

Note: Compulsory study trip/ tour in Architectural Design subject.

SIXTH SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 3201	Architectural Design Project - 6	Viva	1	-	-	6	10
AP AR 3202	Building Materials & Construction- 6	Theory	1	-	-	4	7
AP AR 3203	Computer Applications- 4 (Building Information Modelling)	Viva	1	-	2	-	2
CE 3241	Structure- 4	Theory	1	2	-	-	3
ME 3241	Building Services- Mechanical Services	Theory	1	2	-	-	3
AP AR 3251- 65/67	Program Elective- 1 (GROUP- A)	Theory	3	-	-	-	3
AP AR 3271- 79	Departmental Elective (GROUP- B)	Theory	3	-	-	-	3
Total Hours = 27			11	4	2	10	31
Total Credits (Cumulative)							179

		Additional Subject: - National Cadet Corps (NCC)				
NC3252	National Cadet Corps VI	2	-	1	-	3
Total Credits (Cumulative)						24

Note: Compulsory study trip/ tour in Architectural Design subject.

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SEVENTH SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 4101	Architectural Design Project- 7	Viva	1	-	-	6	10
AP AR 4102	Working Drawing	Viva	1	-	4	-	3
AP AR 4103	Project Management	Theory	3	-	-	-	3
AP AR 4104	Town Planning	Theory	3	-	-	-	3
AP AR 4105	Landscape- 2	Viva	2	-	2	-	3
AP AR 4151- ⁵ 69	Program Elective- 2 (GROUP- A)	Viva	1	-	4	-	3
AP AR 4181-99	Open Elective (GROUP- C)	Theory	3	-	-	-	3
Total Hours = 30			14	-	10	6	28
Total Credits (Cumulative)						207	

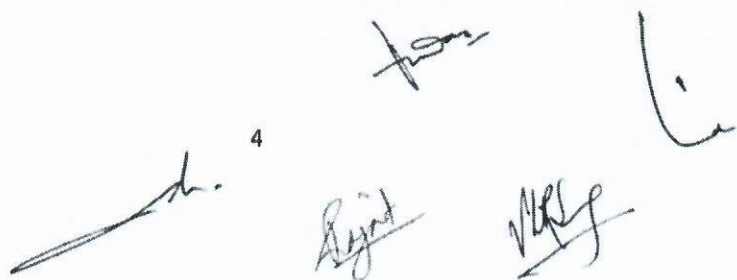
Note: Compulsory study trip/ tour in Architectural Design subject.

EIGHTH SEMESTER:

Course Code	Course Name	Theory / Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 4201	Architectural Design Project- 8	Viva	1	-	-	6	10
AP AR 4202	Urban Design	Theory	2	-	2	-	3
AP AR 4203	Interior Design	Theory	1	-	4	-	3
AP AR 4204	Professional Practice and Building Bye Laws	Theory	3	-	-	-	3
AP AR 4205	Research Principles and Dissertation	Viva	1	-	2	-	2
HS 4231	Building Economics & Sociology	Theory	3	-	-	-	3
Total Hours = 25			11	-	8	6	24
Total Credits (Cumulative)						231	

Note: Compulsory study trip/ tour in Architectural Design subject.

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NINTH SEMESTER:

Course Code	Course Name	Theory / Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 5101	Design Thesis	Viva	-	-	-	10	15
AP AR 5151 69	Program Elective- 3 (GROUP- A)	Theory	3	-	2	-	4
AP AR 5161-69	Program Elective- 4 (GROUP- A)	Viva	3	-	2	-	4
AP AR 5171-79	Program Elective- 5 (GROUP- A)	Viva	3	-	2	-	4
Total Hours = 25			9	-	6	10	27
						Total Credits (Cumulative)	258

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TENTH SEMESTER:

Course Code	Course Name	Theory/ Viva	Scheme of Studies Periods per week				Total Credits
			L	T	P	Studio	
AP AR 5201	Professional Training	Viva	-	-	-	-	26
AP AR 5202	General Proficiency	Viva	-	-	-	-	1
Total Hours= 25							27
						Total Credits (Cumulative)	285

Submitted for
 Asst. Dean. U U