

**DEPARTMENT OF ARCHITECTURE AND PLANNING
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

Program Code: **10** **Master of Architecture**
 Department: **AR** **Architecture and Planning**
 Year: **I**

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
Semester- I (Autumn)														
1.	ARN-601	Design Studio I	PCC	6	1	-	10	-	-	-	100	-	-	-
2.	ARN-603	Contemporary Architecture- Theories and Trends	PCC	3	2	1	-	2	-	25	-	25	50	-
3.	ARN-605	Urban Design	PCC	3	2	-	2	2	-	40	-	20	40	-
4.	ARN-607	Advanced Building Technologies	PCC	3	2	1	-	2	-	25	-	25	50	-
5.	ARN-609	Computer Applications in Architecture	PCC	2	-	-	3	-	3	-	50	25	-	25
6.	ARN-655	Ecology and Sustainable Development	PCC	3	2	1	-	2	-	25	-	25	50	-
		Total		20	9	3	15							
Semester-II (Spring)														
1.	ARN-602	Design Studio II	PCC	6	1	-	10	-	-	-	100	-	-	-
2.	ARN-604	Sustainable Built Environment	PCC	4	3	1	-	3	-	25	-	25	50	-
3.	ARN-606	Megastructures	PCC	3	2	1	-	2	-	25	-	25	50	-
4.	ARN-700	Seminar	SEM	2	-	-	-	-	-	-	-	-	100	-
5.		Programme Elective-I	PEC	3	-	-	-	-	-	-	-	-	-	-
6.		Programme Elective-II	PEC	3	-	-	-	-	-	-	-	-	-	-
7.		Programme Elective-III	PEC	3	-	-	-	-	-	-	-	-	-	-
		Total		24	6	2	10							

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Program Code: **10** **Master of Architecture**
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 Year: **II**

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
Semester- I (Autumn)														
1.	ARN-701A	Dissertation Stage I	DIS	8	-	-	-	-	-	-	-	-	100	-
	ARN-703	Design Studio-III	PCC	6	1	-	10	-	-	-	100	-	-	-
	ARN-705	Professional Training**	PCC	2	-	-	-	-	-	-	-	-	100	-
		Total		16	1	-	10							
Note: Students can take 1 or 2 audit courses as advised by the supervisor, if required.														
Semester-II (Spring)														
1.	ARN-701B	Dissertation Stage-II (contd. From III semester)	DIS	16	-	-	-	-	-	-	-	-	100	-
		Total		16										

Summary				
Semester	1	2	3	4
Semester-wise Total Credits	20	24	16	16
Total Credits	76			

Program Elective Courses (M.Arch.)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	ARN-612	Energy and Sustainability	PEC	3	2	1	-	2	-	25	-	25	50	
2.	ARN-614	Sustainable Materials and Techniques	PEC	3	2	1	-	2	-	25	-	25	50	
3.	ARN-616	Policies and Regulations for Sustainability	PEC	3	2	1	-	2	-	25	-	25	50	
4.	ARN-618	Design Methodology	PEC	3	2	1	-	2	-	25	-	25	50	
5.	ARN-620	Urban Public Spaces	PEC	3	2	-	2	2	-	-	40	20	40	
6.	ARN-622	Theory of City Form	PEC	3	2	1	-	2	-	25	-	25	50	
7.	ARN-624	Research Techniques in Architecture	PEC	3	2	1	-	2	-	25	-	25	50	
8.	ARN-626	Vernacular Architecture	PEC	3	2	1	-	2	-	25	-	25	50	
9.	ARN-628	Architecture and Urban Conservation	PEC	3	2	1	-	2	-	25	-	25	50	
10.	ARN-630	Construction Project Management	PEC	3	2	1	-	2	-	25	-	25	50	
11.	ARN-632	Universal Design and Accessibility Planning	PEC	3	2	1	-	2	-	25	-	25	50	

PROGRAM ELECTIVES(ONE of the Program Elective can be opted from the MURP Program Elective Basket)

** During Summer Vacation of 8 weeks between 1st and 2nd year