



## B.ARCH. CURRICULUM 2017

### FIRST SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1	MA1003D	Mathematics for Architecture	3	1	0	3	MA
2	MS1001D	Professional Communication	3	0	0	3	HL
3	AP1001D	Architectural Graphics I	2	0	3	3	AR
4	AP1002D	History of Architecture I	3	0	0	3	AR
5	AP1003D	Introduction to Architectural Design I	0	0	6	4	AR
6	AP1091D	Fine Arts I	0	0	3	2	AR
7	ZZ1096D	Workshop	0	0	3	2	BE
8	OT	Physical Education, Value Education and NSS				3*	OT
<b>TOTAL</b>			<b>11</b>	<b>1</b>	<b>15</b>	<b>20+3</b>	

\*: Three courses of **One Credit each** to be credited before completing six semesters of the program.

### SECOND SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1	BT1001D	Introduction to Life Science	2	0	0	2	BS
2	AP1004D	Architectural Graphics II	2	0	3	3	AR
3	AP1005D	Applied Mechanics	3	1	0	3	AR
4	AP1006D	History of Architecture II	3	0	0	3	AR
5	AP1007D	Theory of Design	3	0	0	3	AR
6	AP1008D	Introduction to Architectural Design II	0	0	6	4	AR
7	AP1093D	Fine Arts II	0	0	3	2	AR
<b>TOTAL</b>			<b>13</b>	<b>1</b>	<b>12</b>	<b>20</b>	

**Total Credits at Level I:  $20+3$  OT+ $20=40 + 3$  OT**

**Cumulative Credits:  $40 + 3$  OT**

### THIRD SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1	AP2001D	Building Climatology & Solar Architecture	3	0	0	3	AR
2	AP2002D	Building Construction and Materials I	2	0	3	4	AR
3	AP2003D	Contemporary Architecture	3	0	0	3	AR
4	AP2004D	Environmental Studies for Architecture	3	0	0	3	OT
5	AP2005D	Theory of Structures I	3	1	0	3	AR
6	AP2006D	Architectural Design & Field Tour III	0	0	9	6	AR
7	CE2096D	Material Testing Lab	0	0	3	2	BE
<b>TOTAL</b>			<b>14</b>	<b>1</b>	<b>15</b>	<b>21+3</b>	

### FOURTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1	AP2007D	Building Construction and Materials II	2	0	3	4	AR
2	AP2008D	Energy, Sustainability & Site Planning	3	0	0	3	AR
3	CE2011D	Surveying and Levelling	2	0	3	4	BE
4	AP2009D	Theory of Structures II	3	1	0	3	AR
5	AP2010D	Water Supply and Sanitation	3	0	0	3	AR
6	AP2011D	Architectural Design & Field Tour IV	0	0	9	6	AR
7	AP2092D	CAAD Laboratory I	0	0	3	2	AR
<b>TOTAL</b>			<b>13</b>	<b>1</b>	<b>18</b>	<b>25</b>	

**Total Credits at Level II:  $21+3OT+25=46 + 3 OT$**

**Cumulative Credits:  $40+3 OT + 46+3OT = 86+ 6 OT$**

## FIFTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1		Elective I (Open)	3	0	0	3	OE
2	AP3001D	Architectural Acoustics	3	0	0	3	AR
3	AP3002D	Architectural Illumination	3	0	0	3	AR
4	AP3003D	Building Construction and Materials III	2	0	3	4	AR
5	AP3004D	Structural Design I	3	1	0	3	AR
6	AP3005D	Architectural Design & Field Tour V	0	0	9	6	AR
7	AP3091D	CAAD Laboratory II	0	0	3	2	AR
<b>TOTAL</b>			<b>14</b>	<b>1</b>	<b>15</b>	<b>24</b>	

## SIXTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1		Elective II (Open)	3	0	0	3	OE
2	AP3006D	Building Construction and Materials IV	2	0	3	4	AR
3	AP3007D	Estimation, Costing, Valuation & Specifications	3	0	0	3	AR
4	AP3008D	Landscape Architecture	1	0	3	3	AR
5	AP3009D	Structural Design II	3	1	0	3	AR
6	AP3010D	Working Drawing	0	0	3	2	AR
7	AP3011D	Architectural Design & Field Tour VI	0	0	9	6	AR
<b>TOTAL</b>			<b>12</b>	<b>1</b>	<b>18</b>	<b>24</b>	

**Total Credits at Level III:  $24+24 = 48$**

**Cumulative Credits:  $86+6 \text{ OT} +48=134 + 6 \text{ OT}$**

## SEVENTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1	AP4001D	Office Training				8	AR
2	AP4002D	Critical Appraisal of Buildings				1	AR
3	AP4003D	Construction Site Study and Documentation of Innovative Details				2	AR
<b>TOTAL</b>						<b>11</b>	

## EIGHTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1		Elective III	3	0	0	3	DE
2		Elective IV	3	0	0	3	DE
3	AP4004D	Computer Applications in Architecture	3	0	0	3	AR
4	AP4005D	Heating Ventilation and Air Conditioning	3	0	0	3	AR
5	AP4006D	Urban Design	3	0	0	3	AR
6	AP4007D	Architectural Design & Field Tour VII	0	0	9	6	AR
7	AP4091D	Building Science Lab	0	0	3	2	AR
8	AP4092D	Interactive Media Design Lab	0	0	3	2	AR
<b>TOTAL</b>			<b>15</b>	<b>0</b>	<b>15</b>	<b>25</b>	

**Total Credits at Level IV:  $11+25=36$**

**Cumulative Credits:  $134+6 \text{ OT} +36=170 + 6 \text{ OT}$**

### NINTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1		Elective V	3	0	0	3	DE
2		Elective VI	3	0	0	3	DE
3	AP5001D	Urban & Regional Planning	3	0	0	3	AR
4	AP5002D	Architectural Design & Field Tour VIII	0	0	9	6	AR
5	AP5003D	Seminar	0	0	3	2	AR
6	AP5004D	Thesis I	0	0	3	2	AR
<b>TOTAL</b>			<b>9</b>	<b>0</b>	<b>15</b>	<b>19</b>	

### TENTH SEMESTER

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
1	AP5005D	Construction Management	3	0	0	3	AR
2	AP5006D	Professional Practice	2	0	0	2	AR
3	AP5007D	Thesis II	0	0	15	10	AR
<b>TOTAL</b>			<b>5</b>	<b>0</b>	<b>15</b>	<b>15</b>	

**Total Credits at Level V:  $19+15 = 34$**

**Cumulative Credits:  $170+6 \text{ OT} +34 = 204+ 6 \text{ OT}$**

**Total number of Credits required for B Arch Degree =  $204 + 6 \text{ OT}$  (210 Credits)**

## LIST OF ELECTIVES

S. No	Code	Subject	Hours/Week				Category
			L	T	P/D	C	
<b>ELECTIVE III</b>							
1	AP4051D	Architectural Photography	3	0	0	3	DE
2	AP4052D	Behavioural Studies in Built Environment	3	0	0	3	DE
3	AP4053D	Ergonomics	3	0	0	3	DE
4	AP4054D	Vernacular Architecture	3	0	0	3	DE
<b>ELECTIVE IV</b>							
5	AP4055D	Disaster Management and Earthquake Resistant Buildings	3	0	0	3	DE
6	AP4056D	Housing	3	0	0	3	DE
7	AP4057D	Industrial Architecture	3	0	0	3	DE
8	AP4058D	Sustainable Architecture	3	0	0	3	DE
<b>ELECTIVE V</b>							
9	AP5051D	Advanced Construction Materials	3	0	0	3	DE
10	AP5052D	Building Automation , Integration and Management	3	0	0	3	DE
11	AP5053D	Interior Design	3	0	0	3	DE
12	AP5054D	Research Methods	3	0	0	3	DE
<b>ELECTIVE VI</b>							
13	AP5055D	Architectural Conservation	3	0	0	3	DE
14	AP5056D	Building Maintenance and Retrofitting	3	0	0	3	DE
15	AP5057D	Environmental Impact Assessment	3	0	0	3	DE
16	AP5058D	Remote Sensing and GIS	3	0	0	3	DE