

**B.ARCH DEGREE COURSE (10 SEMESTERS)**

**2013 SCHEME**

**UNIVERSITY OF KERALA**  
**THIRUVANANTHAPURAM**

## B.ARCH DEGREE COURSE (10 SEMESTERS) 2013 SCHEME

### COMBINED FIRST AND SECOND SEMESTER (S1 S2)

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1101	Architectural Design I	4	0		3	4	100		100	200
13AR1102	Building Materials and Construction - I	4	1		2	4	100		100	200
13AR1103	History of Architecture - I	4	2			3	100		50	150
13AR1104	Basic Design	8			8			250	250	500
13AR1105	Architectural Graphics - I	4			3	4	100		100	200
13AR1106	Theory of Design	4	2			3	100		50	150
13AR1107	Geometrical Drawing	4	1		2	4	100		100	200
13AR1108	Structural Design - I	4	2			3	100		50	150
13AR1109	Mathematics	4	2			3	100		50	150
13AR1110	Surveying and Levelling	2	1			3	100		50	150
<b>Total</b>		<b>42</b>	<b>11</b>	<b>0</b>	<b>18</b>					<b>2050</b>

L - Lecture W - Written

T - Tutorial J - Jury

P - Practical S - Sessional

### THIRD SEMESTER (S3)

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1301	Architectural Design II	5			10			250	250	500
13AR1302	Building Materials and Construction - II	4	1		3	4	100		100	200
13AR1303	History of Architecture - II	2	2			3	100		50	150
13AR1304	Building Climatology	2	2			3	100		50	150
13AR1305	Architectural Graphics - II	4			4	4	100		100	200
13AR1306	Humanities	2	2			3	100		50	150
13AR1307	Computer Applications in Architecture	2			2				50	50
13AR1308	Structural Design - II	3	2	1		3	100		50	150
<b>Total</b>		<b>24</b>	<b>9</b>	<b>1</b>	<b>19</b>					<b>1550</b>

**FOURTH SEMESTER (S4)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1401	Architectural Design III	5			10		250	250	500	
13AR1402	Building Materials and Construction III	4	1		3	4	100	100	200	
13AR1403	History of Architecture -III	2	2			3	100	50	150	
13AR1404	Landscape Architecture	4	1		3	4	100	100	200	
13AR1405	Architectural Acoustics	3	2	1		3	100	50	150	
13AR1406	Estimation and Specification	2	2			3	100	50	150	
13AR1407	Building Services I Plumbing and Sanitation	2	2			3	100	50	150	
13AR1408	Structural Design -III	2	2			3	100	50	150	
<b>Total</b>		<b>24</b>	<b>12</b>	<b>1</b>	<b>16</b>				<b>1650</b>	

**FIFTH SEMESTER (S5)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1501	Architectural Design IV	5			10		250	250	500	
13AR1502	Building Materials and Construction -IV	4	1		3	4	100	100	200	
13AR1503	History of Architecture - IV	2	2			3	100	50	150	
13AR1504	Sustainable Development	2	2			4	100	50	150	
13AR1505	Interior Design	4	1		3	3	100	100	200	
13AR1506	Building Services II Electrification	2	2			3	100	50	150	
13AR1507	Building Services III HVAC	2	2			3	100	50	150	
13AR1508	Structural Design - IV	3	2	1		3	100	50	150	
<b>Total</b>		<b>24</b>	<b>12</b>	<b>1</b>	<b>16</b>				<b>1650</b>	

**SIXTH SEMESTER (S6)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1601	Architectural Design V	5			10		250	250	500	
13AR1602	Building Materials and Construction - V	4	1		3	4	100	100	200	
13AR1603	History of Architecture -V	2	2			3	100	50	150	
13AR1604	Town Planning	2	2			3	100	50	150	
13AR1605	Housing	2	2			3	100	50	150	
13AR1606	Elective I	2	2			3	100	50	150	
13AR1607	Elective II	2	2			3	100	50	150	
13AR1608	Structural Design V - Advanced Structural Systems	3	2	1		3	100	50	150	
13AR1609	Building Science Lab	2			2			50	50	
<b>Total</b>		<b>24</b>	<b>13</b>	<b>1</b>	<b>15</b>				<b>1650</b>	

**SEVENTH SEMESTER (S7)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1701	Practical Training I	5					200		200	
	Dissertation Preliminary									
	<b>Total</b>	<b>5</b>							<b>200</b>	

**EIGHTH SEMESTER (S8)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1801	Architectural Design VI	5			10		250	250	500	
13AR1802	Professional Practice	3	2	1		3	100	50	150	
13AR1803	Urban Design	3	2	1		3	100	50	150	
13AR1804	Disaster Preparedness and Management	3	2	1		3	100	50	150	
13AR1805	Elective III	3	2	1		3	100	50	150	
13AR1806	Elective IV	3	2	1		3	100	50	150	
13AR1807	Construction Management	3	2	1			100	50	150	
13AR1808	Dissertation	4		1			100	100	200	
	<b>Total</b>	<b>27</b>	<b>12</b>	<b>7</b>	<b>10</b>				<b>1600</b>	

**NINTH SEMESTER (S9)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR1901	Architectural Thesis	12		29			250	250	500	
	<b>Total</b>	<b>12</b>	<b>0</b>	<b>29</b>	<b>0</b>				<b>500</b>	

**TENTH SEMESTER (S10)**

Course No	Course Title	Credits	Hours/ week			Duration of Exam	Marks			Total
			L	T	P		W	J	S	
13AR2000	Practical Training II	5			29		200		200	
	<b>Total</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>29</b>				<b>200</b>	

**Elective I**

13AR1606.1	Ecology and Environmental Studies
13AR1606.2	Vernacular Architecture
13AR1606.3	Cost Effective Technology
13AR1606.4	Digital Architecture

**Elective II**

13AR1607.1	Research Methodology
13AR1607.2	Architectural Criticism
13AR1607.3	Architectural Journalism and Photography
13AR1607.4	Product Design

**Elective III**

13AR1805.1	Urban and Regional Planning
13AR1805.2	Transportation Planning
13AR1805.3	Advanced structural systems
13AR1805.4	Services in High-rise Buildings

**Elective IV**

13AR1806.1	Architectural Conservation
13AR1806.2	Environment Behaviour studies
13AR1806.3	Energy Efficient Buildings
13AR1806.4	Building Information Systems