

Mohanlal Sukhadia University, Udaipur



College of Architecture

B.Arch

TEACHING SCHEME & SYLLABUS
Effective from Academic Year 2021-2022

COURSE MATRIX

YEAR I	SEMESTER I							
	THEORY	Hours			Marks			Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B1AR01-CT01	Architectural Structures-I	2	0	0	20	80	100	2
B1AR02-CT02	Environmental Studies	2	0	0	20	80	100	2
B1AR03-CT03	Human Settlement & Vernacular Architecture	2	0	0	20	80	100	2
	PRACTICAL/ STUDIO							
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B1AR04-CP01	Architectural Drawing & Graphics	2	0	4	120	80	200	4
B1AR05-CP02	Visual Arts & Basic Design- I	1	0	4	90	60	150	3
B1AR06-CP03	Computer Applications- I	0	0	2	30	20	50	1
B1AR07-CP04	Building Material & Construction- I	1	0	4	90	60	150	3
B1AR08-CP05	Model Making & Workshop	1	0	2	60	40	100	2
B1AR09-CP06	Professional Communications	0	0	2		50	50	1
	Total	11	0	18	450	550	1000	20
	Total Teaching Hours	29						

L- Lecture**T- Tutorial****P- Practical / Studio****IM- Internal Marks****EM- External Marks****Cr- Credits**

YEAR I	SEMESTER II							
	THEORY	Hours			Marks			Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B2AR01-CT04	Surveying & Leveling	2	0	0	20	80	100	2
B2AR02-CT05	Climatology	2	0	0	20	80	100	2
B2AR03-CT06	Architectural Structures II	2	0	0	20	80	100	2
	PRACTICAL/ STUDIO							
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B2AR04-CP07	Architectural Design- I	2	0	4	120	80	200	4
B2AR05-CP08	Visual Arts & Basic Design- II	1	0	4	90	60	150	3
B2AR06-CP09	Computer Applications- II	1	0	2	60	40	100	2
B2AR07-CP10	Building Material & Construction-II	1	0	4	90	60	150	3
B2AR08-CP11	Surveying Lab	0	0	2	30	20	50	1
B2AR09-CP12	Guided Study & Field Trip	0	0	2	30	20	50	1
	Total	11	0	18	480	520	1000	20
	Total Teaching Hours	29						

L- Lecture

T- Tutorial

P- Practical / Studio

IM- Internal Marks

EM- External Marks

Cr- Credits

YEAR 1I	SEMESTER III							
	THEORY	Hours			Marks			Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B3AR01-CT07	Humanities	2	0	0	20	80	100	2
B3AR02-CT08	History of Architecture-I	2	0	0	20	80	100	2
B3AR03-CT09	Architectural Structures III	2	0	0	20	80	100	2
	PRACTICAL/ STUDIO							
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B3AR04-CP13	Architectural Design- II	1	0	6	120	80	200	4
B3AR05-CP14	Building Material & Construction-III	1	0	4	90	60	150	3
B3AR06-CP15	Computer Applications- III	0	0	2	60	40	100	2
B3AR07-CP16	Structure Lab	0	0	4	60	40	100	2
B3AR08-CP17	Guided Study & Field Trip	0	0	2	30	20	50	1
	Total	8	0	18	420	480	900	18
	Total Teaching Hours	26						

L- Lecture

T- Tutorial

P- Practical / Studio

IM- Internal Marks

EM- External Marks

Cr- Credit

YEAR II	SEMESTER IV							
	THEORY		Hours			Marks		Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B4AR01-CT10	Specifications & Estimation	2	0	0	20	80	100	2
B4AR02-CT11	History of Architecture-II	2	0	0	20	80	100	2
B4AR03-CT12	Architectural Structures IV	2	0	0	20	80	100	2
	PRACTICAL/ STUDIO							
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B4AR04-CP18	Architectural Design- III	1	0	6	120	80	200	4
B4AR05-CP19	Building Material & Construction-IV	1	0	4	90	60	150	3
B4AR06-CP20	Measured Drawing & Documentation	1	0	2	60	40	100	2
B4AR07-CP21	Computer Applications- IV	1	0	2	60	40	100	2
B4AR08-CP22	Guided Study & Field Trip	0	0	2	30	20	50	1
	Total	10	0	16	420	480	900	18
	Total Teaching Hours	26						

L- Lecture

T- Tutorial

P- Practical / Studio

IM- Internal Marks

EM- External Marks

Cr- Credit

YEAR III		SEMESTER V						
THEORY		Hours			Marks			Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B5AR01-CT13	Building Plumbing Services	2	0	0	20	80	100	2
B5AR02-CT14	History of Architecture-III	2	0	0	20	80	100	2
B5AR03-CT15	Architectural Structures V	2	0	0	20	80	100	2
PRACTICAL/ STUDIO								
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B5AR04-CP23	Architectural Design- IV (Including Educational Tour)	1	0	6	120	80	200	4
B5AR05-CP24	Building Material & Construction-V	1	0	4	90	60	150	3
B5AR06-CP25	Interior Design	1	0	2	60	40	100	2
B5AR07-CP26	Elective-I 1. Furniture Design 2. Product Design 3. Digital Design	1	0	4	90	60	150	3
B5AR08-CP27	Guided Study & Field Trip	0	0	2	30	20	50	1
Total		10	0	18	450	500	950	19
Total Teaching Hours		28						

L- Lecture

T- Tutorial

P- Practical / Studio

IM- Internal Marks

EM- External Marks

Cr- Credit

YEAR III	SEMESTER VI							
	THEORY		Hours			Marks		Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B6AR01-CT16	Building Electrical Services	2	0	0	20	80	100	2
B6AR02-CT17	History of Architecture-IV	2	0	0	20	80	100	2
B6AR03-CT18	Architectural Structures VI	2	0	0	20	80	100	2
	PRACTICAL/ STUDIO							
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B6AR04-CP28	Architectural Design- V	1	0	6	120	80	200	4
B6AR05-CP29	Building Material & Construction-VI	1	0	4	90	60	150	3
B6AR06-CP30	Landscape Design	1	0	2	60	40	100	2
B6AR07-CP31	Elective-II 1. History of Architecture of Rajasthan 2. Vernacular Architecture of Rajasthan 3. Arts & Crafts of Rajasthan	1	0	4	90	60	150	3
B6AR08-CP32	Guided Study & Field Trip	0	0	2	30	20	50	1
	Total	10	0	18	450	500	950	19
	Total Teaching Hours	28						

L- Lecture

T- Tutorial

P- Practical / Studio

IM- Internal Marks

EM- External Marks

Cr- Credit

YEAR IV	SEMESTER VII							
	THEORY		Hours			Marks		Cr
Course Code	Course Name	L	T	P	IM 20%	EM 80%	Total	
B7AR01-CT19	Building Mechanical Services	2	0	0	20	80	100	2
B7AR02-CT20	Contract Documents & Byelaws	2	0	0	20	80	100	2
B7AR03-CT21	Acoustics & Illumination	2	0	0	20	80	100	2
	PRACTICAL/ STUDIO							
Course Code	Course Name	L	T	P	IM 60%	EM 40%	Total	Cr
B7AR04-CP33	Architectural Design- VI	1	0	6	120	80	200	4
B7AR05-CP34	Working Drawing	1	0	4	90	60	150	3
B7AR06-CP35	Settlement Planning	1	0	2	60	40	100	2
B7AR07-CP36	Elective-III 1. Universal Design 2. Research Methodology 3. Architectural Journalism	1	0	4	90	60	150	3
B7AR08-CP37	Guided Study & Field Trip	0	0	2	30	20	50	1
	Total	10	0	18	450	500	950	19
	Total Teaching Hours	28						

L- Lecture

T- Tutorial

P- Practical / Studio

IM- Internal Marks

EM- External Marks

Cr- Credit