
	Charutar Vidya Mandal University VALLABH VIDYANAGAR	
	DETAILED SYLLABUS AND TEACHING SCHEME EFFECTIVE FROM ACADEMIC, YEAR 2021-22	
	FACULTY OF ARCHITECTURE & PLANNING, SMAID	
	Shantaben Manubhai Patel School of Studies & Research in Architecture & Interior Design	
	Department of Architecture	
ADDRESS OF COLLEGE / INSTITUTE : ADIT Campus, GIDC Phase IV, New Vallabh Vidhya Nagar		


FIRST YEAR ARCHITECTURE

Sr. No.	TYPE OF SUBJECT (PC / BS&AE / PE/OE/ PEACC/ SEC)	Code No.	SUBJECT	NO. OF PAPERS		DURATION IN HOURS		DISTRIBUTION OF MARKS				MARKS		NO. OF HRS. / WEEK= 30 HRS./WEEK		
				Theory	Studio/ Workshop	Theory	Studio/ Workshop	THEORY		STUDIO / WORKSHOP/ PRACTICAL		Credit (C)	TOTAL (M x C)	Theory	Studio	Work-Sh op/ Practical / Site Visit/ Seminar
								Ext. Uni. Exam	Int. Assess-ment	Ext.Uni. Exam/ Jury	Int. Assess-ment					
SEMESTER – I																
0	OE	ARC-2100	NGO I				J/V/P				100	3	300	0	0	3
1	PC	ARC-2101	Architectural Design Studio I		1		J/V/P.			50	50	9	900	0	9	0
2	PC	ARC-2102	Architectural Graphic and Techniques I	1		3		50			50	3	300	1	2	0
3	BS&AE	ARC-2103	Building Construction –I (Materials)	1		3		50			50	3	300	2	0	1
4	PC	ARC-2104	History of Architecture I	1		2		50	50			3	300	2	0	1
5	BS&AE	ARC-2105	Surveying and Leveling	1	1	2		50			50	3	300	1	0	2
6	PEACC	ARC-2106	Communication Skills				J/V/P.				100	2	200	1	0	1
7	SEC	ARC-2107	Computer Studio				J/V/P.				100	2	200	1	0	1
8	PE	ARC-2108	Workshop I				J/V/P.				100	2	200	0	0	2
TOTAL											30	3000	8	11	11	
SEMESTER – II																
1	PEACC	ARC-2200	RSP (Case-study and Documentation) I				J/V/P.				100	3	300	0	3	0
2	PC	ARC-2201	Architectural Design Studio II		1		J/V/P.			50	50	9	900	0	9	0
3	PC	ARC-2202	Architectural Graphic and Techniques II	1		3	-	50			50	3	300	1	2	0
4	BS&AE	ARC-2203	Building Construction II(structure based)	1		2		50			50	3	300	2	0	1
5	PC	ARC-2204	History of Architecture II	1		2	-	50	50			3	300	2	0	1
6	BS&AE	ARC-2205	Applied Mechanics	1		2	-	50	50			3	300	2	0	1
7	SEC	ARC-2206	CAD- I		1		-			50	50	2	200	1	0	1
8	PE	ARC-2207	Vernacular Architecture- I		1	2	J/V/P.	50			50	2	200	0	0	2
9	OE	ARC-2208	Workshop II		1		J/V/P.				100	2	200	0	0	2
TOTAL											30	3000	8	14	8	
TOTAL												30 HOURS/ WEEK				

NOTES: 1. Total 30 Hours/ week @ 1 Credit = 1 Hour

2. Compulsory passing (minimum 45%) at External University Exam (Theory & Studio).

J/V/P stands for Jury/Viva/Practical; PC= Professional Course; BS & AE= Building Science and Applied Engineering, OE=Open Elective, PE= Professional elective, SEC= Skill Enhancement Course, PEACC= Professional Ability Enhancement Compulsory Courses

	Charutar Vidya Mandal University	
	VALLABH VIDYANAGAR	
	DETAILED SYLLABUS AND TEACHING SCHEME EFFECTIVE FROM ACADEMIC, YEAR 2021-22	
	FACULTY OF ARCHITECTURE & PLANNING, SMAID	
	Shantaben Manubhai Patel School of Studies & Research in Architecture & Interior Design	
	Department of Architecture	
	ADDRESS OF COLLEGE / INSTITUTE : ADIT Campus, GIDC Phase IV, New Vallabh Vidhya Nagar	




SECOND YEAR ARCHITECTURE

Sr. No.	TYPE OF SUBJECT (PC / BS&AE / PE/OE/ PEACC/ SEC)	Code No.	SUBJECT	NO. OF PAPERS		DURATION IN HOURS		DISTRIBUTION OF MARKS				MARKS		NO. OF HRS. / WEEK= 30 HRS./WEEK		
				Theory	Studio/ Workshop	Theory	Studio/ Workshop	THEORY		STUDIO / WORKSHOP/ PRACTICAL		Credit (C)	TOTAL (M x C)	Theory	Studio	Work-Sh op/ Practical / Site Visit/ Seminar
								Ext. Uni. Exam	Int. Assess-ment	Ext.Uni. Exam/ Jury	Int. Assessment					
SEMESTER – III																
0	PEACC	ARC-2300	NGO II				J/V/P.				100	3	300	0	0	3
1	PC	ARC-2301	Architectural Design Studio III (Material based)		1		J/V/P.		50	50	12	1200	0	12	0	
2	PC	ARC-2302	History of Architecture III	1		2		50	50		3	300	2	0	1	
3	BS&AE	ARC-2303	Building Construction III (element based)	1		3		50		50	3	300	2	0	1	
4	BS&AE	ARC-2304	Structures I	1		2		50	50		3	300	2	0	1	
5	SEC	ARC-2305	CAD- II		1		J/V/P.		50	50	2	200	1	0	1	
6	PE	ARC-2306	Climatology	1		2		50	50		2	200	1	0	1	
7	OE	ARC-2307	Workshop III		1		J/V/P.			100	2	200	0	0	2	
											TOTAL	30	3000	8	12	10
												TOTAL		30 HOURS/ WEEK		
SEMESTER – IV																
1	PEACC	ARC-2400	Related Study Program							100	3	300	0	3	0	
2	PC	ARC-2401	Architectural Design Studio IV (Contextual and Site Planning)		1		J/V/P.		50	50	12	1200	0	12	0	
3	PC	ARC-2402	History of Architecture IV	1		2		50	50		3	300	2	0	1	
4	BS&AE	ARC-2403	Building Construction IV	1		3		50		50	3	300	2	0	1	
5	BS&AE	ARC-2404	Structures II	1		2		50	50		3	300	2	0	1	
6	SEC	ARC-2405	Digital Graphics and Art		1		J/V/P.		50	50	2	200	0	0	2	
7	PE	ARC-2406	Conservation	1		2		50	50		2	200	1	0	1	
8	OE	ARC-2407	Workshop IV				J/V/P.			100	2	200	0	0	2	
											TOTAL	30	3000	7	15	8
												TOTAL		30 HOURS/ WEEK		

NOTES: 1. Total 30 Hours/ week @ 1 Credit = 1 Hour

2. Compulsory passing (minimum 45%) at External University Exam (Theory & Studio).

J/V/P stands for Jury/Viva/Practical; PC= Professional Course; BS & AE= Building Science and Applied Engineering, OE=Open Elective, PE= Professional elective, SEC= Skill Enhancement Course, PEACC= Professional Ability Enhancement Compulsory Courses

	Charutar Vidya Mandal University	
	VALLABH VIDYANAGAR	
	DETAILED SYLLABUS AND TEACHING SCHEME EFFECTIVE FROM ACADEMIC, YEAR 2021-22	
	FACULTY OF ARCHITECTURE & PLANNING, SMAID	
	Shantaben Manubhai Patel School of Studies & Research in Architecture & Interior Design	
	Department of Architecture	
	ADDRESS OF COLLEGE / INSTITUTE : ADIT Campus, GIDC Phase IV, New Vallabh Vidhya Nagar	





THIRD YEAR ARCHITECTURE

Sr. No.	TYPE OF SUBJECT (PC / BS&AE / PE/OE/ PEACC/ SEC)	Code No.	SUBJECT	NO. OF PAPERS		DURATION IN HOURS		DISTRIBUTION OF MARKS				MARKS		NO. OF HRS. / WEEK= 30 HRS./WEEK		
				Theory	Studio/ Workshop	Theory	Studio/ Workshop	THEORY		STUDIO / WORKSHOP/ PRACTICAL		Credit (C)	TOTAL (M x C)	Theory	Studio	Work-Sh op/ Practical / Site Visit/ Seminar
								Ext. Uni. Exam	Int. Assess-ment	Ext.Uni. Exam/ Jury	Int. Assessment					
SEMESTER – V																
1	PC	ARC-2501	Architectural Design Studio V (Institutional)		1		J/V/P.			50	50	12	1200	0	12	0
2	PC	ARC-2502	Landscape	1		2		50	50			3	300	2	0	1
3	BS&AE	ARC-2503	Building Construction V (Services)	1		3		50			50	3	300	2	0	1
4	BS&AE	ARC-2504	Building Economics	1		2		50	50			3	300	2	0	1
5	PEACC	ARC-2505	Design Seminar		1		J/V/P.			50	50	3	300	0	3	0
6	SEC	ARC-2506	NPTEL Courses (Based on Sociology)		1		J/V/P.				100	2	200	0	0	2
7	PE	ARC-2507	Green Building (GRIHA)							100	100	2	200	0	0	2
8	OE	ARC-2508	Research Methodology I		1		J/V/P.				100	2	200	0	0	2
											TOTAL	30	3000	6	15	9
												TOTAL 30 HOURS/ WEEK				
SEMESTER – VI																
1	PC	ARC-2601	Architectural Design Studio VI (Working Drawings)		1		J/V/P.			50	50	12	1200	0	12	0
2	PC	ARC-2602	Estimation , Costing and Specifications	1		2		50	50			3	300	2	0	1
3	BS&AE	ARC-2603	Building Construction VI (Interiors)	1		3		50			50	3	300	2	0	1
4	BS&AE	ARC-2604	Acoustics	1		2		50	50			3	300	2	0	1
5	BS&AE	ARC-2605	Advanced Structures	1		2		50	50			3	300	2	0	1
7	SEC	ARC-2606	Revit/ Rhino		1		J/V/P.			50	50	2	200	0	0	2
8	PE	ARC-2607	Furniture Design		1		J/V/P.			50	50	2	200	0	0	2
9	OE	ARC-2608	Research Methodology II		1		J/V/P.				100	2	200	0	0	2
											TOTAL	30	3000	8	12	10
												TOTAL 30 HOURS/ WEEK				

NOTES: 1. Total 30 Hours/ week @ 1 Credit = 1 Hour

2. Compulsory passing (minimum 45%) at External University Exam (Theory & Studio).

J/V/P stands for Jury/Viva/Practical; PC= Professional Course; BS & AE= Building Science and Applied Engineering, OE=Open Elective, PE= Professional elective, SEC= Skill Enhancement Course, PEACC= Professional Ability Enhancement Compulsory Courses

	Charutar Vidya Mandal University	
	VALLABH VIDYANAGAR	
	DETAILED SYLLABUS AND TEACHING SCHEME EFFECTIVE FROM ACADEMIC, YEAR 2021-22	
	FACULTY OF ARCHITECTURE & PLANNING, SMAID	
	Shantaben Manubhai Patel School of Studies & Research in Architecture & Interior Design	
	Department of Architecture	
	ADDRESS OF COLLEGE / INSTITUTE : ADIT Campus, GIDC Phase IV, New Vallabh Vidhya Nagar	



FOURTH YEAR ARCHITECTURE

Sr. No.	TYPE OF SUBJECT (PC / BS&AE / PE/OE/ PEACC/ SEC)	Code No.	SUBJECT	NO. OF PAPERS		DURATION IN HOURS		DISTRIBUTION OF MARKS				MARKS		NO. OF HRS. / WEEK= 30 HRS./WEEK		
				Theory	Studio/ Workshop	Theory	Studio/ Workshop	THEORY		STUDIO / WORKSHOP/ PRACTICAL		Credit (C)	TOTAL (M x C)	Theory	Studio	Work-Sh op/ Practical / Site Visit/ Seminar
								Ext. Uni. Exam	Int. Assess-ment	Ext.Uni. Exam/ Jury	Int. Assessment					
SEMESTER – VII																
1	PC	ARC-2701	Architectural Design Studio VII (Office Training)		1					50	50	24	2400	0	36	0
2	PE	ARC-2707	Architectural Journalism								100	6	600	0	0	6
											TOTAL	30	3000	0	36	6
												TOTAL 42 HRS./ WEEK				
SEMESTER – VIII																
1	PC	ARC-2801	Architectural Design Studio VIII (Housing Design)		1		J/V/P			50	50	15	1500	0	15	0
2	BS&AE	ARC-2802	Environment and Ecology in Architecture	1		2		50	50			3	300	2	0	1
3	BS&AE	ARC-2803	Advanced Construction Techniques	1		2		50			50	3	300	2	0	1
4	PEACC	ARC-2804	Project Management	1		2		50	50			3	300	2	0	1
5	SEC	ARC-2805	BIM	1		2		50	50			3	300	1	0	2
6	PE	ARC-2806	Earthquake Resistant Architecture				J/V/P				100	3	300	2	0	1
												30	3000	9	15	6
												TOTAL 30 HOURS/ WEEK				

NOTES: 1. Total 30 Hours/ week @ 1 Credit = 1 Hour

2. Compulsory passing (minimum 45%) at External University Exam (Theory & Studio).

J/V/P stands for Jury/Viva/Practical; PC= Professional Course; BS & AE= Building Science and Applied Engineering, OE=Open Elective, PE= Professional elective, SEC= Skill Enhancement Course, PAECC= Professional Ability Enhancement Compulsory Courses

	Charutar Vidya Mandal University	
	VALLABH VIDYANAGAR	
	DETAILED SYLLABUS AND TEACHING SCHEME EFFECTIVE FROM ACADEMIC, YEAR 2021-22	
	FACULTY OF ARCHITECTURE & PLANNING, SMAID	
	Shantaben Manubhai Patel School of Studies & Research in Architecture & Interior Design	
	Department of Architecture	
	ADDRESS OF COLLEGE / INSTITUTE : ADIT Campus, GIDC Phase IV, New Vallabh Vidhya Nagar	

FIFTH YEAR ARCHITECTURE

Sr. No.	TYPE OF SUBJECT (PC / BS&AE / PE/OE/ PEACC/ SEC)	Code No.	SUBJECT	NO. OF PAPERS		DURATION IN HOURS		DISTRIBUTION OF MARKS				MARKS		NO. OF HRS. / WEEK= 30 HRS./WEEK		
				Theory	Studio/ Workshop	Theory	Studio/ Workshop	THEORY		STUDIO / WORKSHOP/ PRACTICAL		Credit (C)	TOTAL (M x C)	Theory	Studio	Work-Sh op/ Practical / Site Visit/ Seminar
								Ext. Uni. Exam	Int. Assess-ment	Ext.Uni. Exam/ Jury	Int. Assessment					
SEMESTER – IX																
1	PC	ARC-2901	Architectural Design Studio IX (Urban Design)		1		J/V/P			50	50	18	1800	0	18	0
2	BS&AE	ARC-2902	Agro Architecture		1		J/V/P			50	50	3	300	2	0	1
3	PEACC	ARC-2903	Professional Practice	1		2		50	50			3	300	2	0	1
4	SEC	ARC-2904	Research Project		1		J/V/P			50	50	3	300	1	0	2
5	PE	ARC-2905	Sustainable Cities		1		J/V/P				100	3	300	2	0	1
												30	3000	7	18	5
														TOTAL 30 HRS/WEEK		
SEMESTER – X																
1	PC	ARC-2100 1	Architectural Design Studio X (Thesis Studio)		1		J/V/P			50	50	18	1800	0	18	0
2	PEACC	ARC-2100 2	Entrepreneurship	1		2		50	50			3	300	2	0	1
3	SEC	ARC-2100 3	Website Design		1		J/V/P				100	3	300	1		2
4	PE	ARC-2100 4	Product Design		1		J/V/P			50	50	6	600	1		5
												30	3000	4	18	8
														TOTAL 30 HOURS/ WEEK		

NOTES: 1. Total 30 Hours/ week @ 1 Credit = 1 Hour

2. Compulsory passing (minimum 45%) at External University Exam (Theory & Studio).

J/V/P stands for Jury/Viva/Practical; PC= Professional Course; BS & AE= Building Science and Applied Engineering, OE=Open Elective, PE= Professional elective, SEC= Skill Enhancement Course, PEACC= Professional Ability Enhancement Compulsory Courses