

Course Structure for B.Arch.

(Under the OBE and CBCS, Effective from the Academic Year 2022-2023)

First Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B1.1C	Basic Design	PC	9		9	9	100	100	200	S
2	AR22B1.2C	Materials and Building Construction I	BS	5		5	5	50	50	100	J
3	AR22B1.3C	Architectural Drawing - I	PC		4	4	4	50	50	100	S
4	AR22B1.4C	Introduction to Art and Architecture	PC	2	1	3	3	50	50	100	W
5	AR22B1.5C	Thinking for Architects	PC	2	1	3	3	50		50	
6	GN22B2.1A	Communication Skills	SEC	1	2	3		50	50	100	P
7	SP22B1.1A	Basic Digital Tools	SEC	1	2	3	2	50		50	
				20	10	30	26	400	300	700	

Note: L/T/S = Lecture/ Tutorial / Studio; P/F/O = Practical / Fieldwork / Others; End Exam W/J/S/P = Written (3 hours) / Jury/ Studio (5 hours) / Practical

Second Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B2.1C	Architectural Design – I	PC	9		9	9	100	100	200	S
2	AR22B2.2C	Materials and Building Construction II	BS	5		5	5	50	50	100	S
3	AR22B2.3C	Architectural Drawing and Graphics – II	PC		4	4	4	50	50	100	S
4	AR22B2.4C	Structural Mechanics	BS	3		3	3	50	50	100	W
5	AR22B2.5C	Site Surveying	BS	1	2	3	3	50		50	
6	AR22B2.6A	Model Making Workshop	PC	1	2	3	3	50		50	
7	GN22B2.2A	Environmental Studies	BS		2	2		50	50	100	J
				19	8	27	27	350	300	600	

Third Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B3.1C	Architectural Design – II	PC	9		9	9	100	100	200	J
2	AR22B3.2C	Materials and Building Construction III	BS	5		5	5	50	50	100	S
3	AR22B3.3C	Perspective and Rendering	PC		4	4	4	50		50	
4	AR22B3.4C	History of Architecture – I	PC	3		3	3	50	50	100	W
5	AR22B3.5C	Structural Analysis - I	BS	3		3	3	50	50	100	W
6	GN22B3.1A	Universal Human Values	SEC	3		3	3	50	50	100	W
7	AR22B3.6C	Climatology for Built Environment	BS	2	1	3	3	50	50	100	W
				25	5	30	30	400	350	750	

Fourth Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B4.1C	Architectural Design – IV	PC	9		9	9	100	100	200	J
2	AR22B4.2C	Materials and Building Construction IV	BS	4		4	4	50	50	100	S
3	AR22B4.3C	Landscape Design and Site Studies	PC	4		4	4	50	50	100	W
4	AR22B4.4C	History of Architecture – II	PC	3		3	3	50	50	100	W
5	AR22B4.5C	Structural Design (RCC)	BS	3		3	3	50	50	100	W
6	AR22B4.6C	Water, Sanitation and Hygiene	BS	4		4	4	50	50	100	W
7	AR22B4.7C	Computer Aided Design - I	SEC		3	3	3	50		50	
				27	3	30	30	400	350	750	0

Fifth Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B5.1C	Architectural Design – V	PC	9		9	9	100	100	200	J
2	AR22B5.2C	Materials and Building Construction V	BS	4		4	4	50	50	100	S
3	AR22B5.3C	History of Architecture – III	PC	3		3	3	50	50	100	W
4	AR22B5.4C	Structural Design (Steel)	BS	3		3	3	50	50	100	W
5	AR22B5.5C	Electrical System, Lighting and HVAC	BS	3		3	3	50	50	100	W
6	AR22B5.6C	Working Drawing and Details	PC	4		4	4	50	50	100	J
7	AR22B5.xE	Professional Elective – I	PE	4		4	4	50	50	100	J
				30	0	30	30	400	400	800	

Sixth Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B6.1C	Architectural Design – VI	PC	9		9	9	100	100	200	J
2	AR22B6.2C	Research Methods in Architecture	AEC	3		3	3	50	50	100	W
3	AR22B6.3C	Building Estimating, Costing and Specifications	PC	4		4	4	50	50	100	W
4	AR22B6.4C	Building Information Modeling	SEC	1	2	3	3	50		50	
5	AR22B6.5C	Human Settlements and Urban Planning	PC	4		4	4	50	50	100	W
6	AR22B6.6C	Social Sciences for Architects	PC	3		3	3	50	50	100	W
7	AR22B6.xE	Professional Elective – II	PE	4		4	4	50	50	100	W
				28	2	30	30	400	350	750	

Seventh Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B7.1C	Advanced Design -I	PC	9		9	9	100	100	200	J
2	AR22B7.2C	Advanced Construction Technology & Structural Systems	BS	3		3	3	50	50	100	W
3	AR22B7.3C	Advanced Services	BS	3		3	3	50	50	100	J
4	AR22B7.4C	Building Economics and Valuation	BS	3		3	3	50	50	100	W
5	AR22B7.xE	Professional Elective - III	PE	4		4	4	50	50	100	W
6	AR22B7.xE	Professional Elective - IV	PE	4		4	4	50	50	100	W
7		Open Elective – I									
				26	0	26	26	350	350	700	

Eighth Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B8.1C	Advanced Design -II	PC	10		10	10	100	100	200	J
2	AR22B8.2C	Research Paper	AEC	2	2	4	4	50	50	100	J
3	AR22B8.3C	Environment Responsive Design	BS	3		3	3	50	50	100	W
4	AR22B8.4C	Architectural Practice - I	AEC	3		3	3	50	50	100	W
5	AR22B8.xE	Professional Elective - V	PE	4		4	4	50	50	100	W
6	AR22B8.xE	Professional Elective - VI	PE	4		4	4	50	50	100	W
7		Open Elective - II									
				26	2	28	28	350	350	700	

Ninth Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B9.1C	Practical Training	AEC				15	100	100	200	J
2		Open Elective - III									

Tenth Semester

S.No	Course Code	Course Title	CoA group	Periods/Hours per week			Credits	Marks			End Exam
				L/T/S	P/F/O	Total		Int.	Ext.	Total	
1	AR22B10.1C	Design Thesis	PC	15		15	15	300	300	600	J
2	AR22B10.2C	Architectural Practice - II	AEC	2	1	3	3	50	50	100	W
3	AR22B10.xE	Professional Elective – VII	PE	4		4	4	50	50	100	W
				21	1	22	22	400	400	800	

Professional Elective – I

1	AR22B5.1E	Workshop Vernacular Architecture
2	AR22B5.2E	Workshop Craft in Architecture
3	AR22B5.3E	Workshop in Appropriate Building Technologies

Professional Elective – II

1	AR22B6.1E	Theory of Design and Architecture
2	AR22B6.2E	Psychological Aspects of Architecture
3	AR22B6.3E	Vaastu Shastra
4	AR22B6.4E	Contemporary Processes in Architecture
5	AR22B6.5E	Architectural Acoustics and Illuminations

Professional Elective - III

1	AR22B7.1E	Urban Design
2	AR22B7.2E	Housing
3	AR22B7.3E	Building Construction Management
4	AR22B7.4E	Interior Design
5	AR22B7.5E	Landscape Design

Professional Elective - IV

1	AR22B7.6E	Architectural Journalism
2	AR22B7.7E	Parametric Design
3	AR22B7.8E	Green Buildings
4	AR22B7.9E	Furniture and Product Design

Professional Elective - V

1	AR22B8.1E	Structures Project
2	AR22B8.2E	Workshop in Tall Buildings
3	AR22B8.3E	Disaster Resistant Architecture
4	AR22B8.4E	Intelligent Building Systems

Professional Elective - VI

1	AR22B8.5E	Architectural Conversation
2	AR22B8.6E	Architectural Pedagogy
3	AR22B8.7E	Regionalism in Architecture
4	AR22B8.8E	Architectural Criticism

Professional Elective - VII

1	AR22B10.1E	Office Management
2	AR22B10.2E	Financial Accountancy
3	AR22B10.3E	Real Estate Planning
4	AR22B10.4E	Project Formulation

|