

HKE's
PDA College of Engineering, Gulbarga

Dept. of Architecture

SCHEME OF TEACHING AND EXAMINATION OF B.ARCHITECTURE

SYLLABUS FOR AUTONOMOUS INSTITUTE FROM 2011 Series- 2012-13 Batch Onwards

Scheme of Syllabus for B. Architecture Course

(2018 series- 2018-19 batch onwards)

23/07/2019

Sl. NO.	Subject Code Title of the subject	Teaching Scheme (Periods per week)				Credits	Examination Scheme										
		L	St	P/s	Total		CIE		SEE								Total Marks
							No. of subjects	Marks	No of Exam				Marks				
						Th			Viva	TW	Pr	Th	Viva	TW	Pra		
1	I semester	14	18	04	36	28	8	400	3	3	-	2	150	150	-	100	800
2	II semester	8	12	16	36	24	8	400	4	2	-	2	200	100	-	100	800
3	III semester	17	17	02	36	29	8	400	4	2	1	1	200	100	50	50	800
4	IV semester	17	16	03	36	29	8	400	4	4	-	-	200	200	-	-	800
5	V semester	17	19	-	36	29	7	350	3	3	1	-	150	150	50	-	700
6	VI semester	17	19	-	36	29	7	350	3	4	-	-	150	200	-	-	700
7	VII semester	16	20	-	36	28	7	350	3	4	-	-	150	200	-	-	700
8	VIII semester	16	20	-	36	28	7	350	2	5	-	-	100	250	-	-	700
9	IX semester	Professional training –100 days				18	1	50	-	1	-	-	-	50	-	-	100
10	X semester	08	28	-	36	18	2	100	-	2	-	-	-	100	-	-	200
	TOTAL	130	169	25	324	260	63	3150	26	30	2	5	1300	1500	100	250	6300

Semester I

Sl. No	Subject Code	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
			L	St	P/s	Total		CIE	SEE					Total
1	18AT11	Architectural Design – I	01	06	02	09	6	50	-	-	50	-	-	100
2	18AT12	Building construction & Materials- I	02	03	-	05	4	50	04	50	-	-	-	100
3	18AT13	Graphics – I	02	03	-	05	4	50	04	50	-	-	-	100
4	18AT14	History of Architecture - I	01	03	-	04	3	50	03	50	-	-	-	100
5	18AT15	Structural Model Study	03	-	-	03	3	50	-	-	50	-	-	100
6	18AT16	Surveying & Leveling - I	03	-	-	03	3	50	-	-	-	-	50	100
7	18AT17	Basic Design	02	03	-	05	4	50	-	-	50	-	-	100
8	18AT18	Computer applications in Architecture-I	-	-	02	02	1	50	-	-	-	-	50	100
		TOTAL	14	18	04	36	28	400	-	150	150	-	100	800

L = Lecture, St = Studio, P/s = Practical/ seminar, Th = Theory, Viva = Viva-voce, TW= Term Work, Pr=practical exam, CIE = Continuous Internal Evaluation (Pass 50%) SEE: Semester End Evaluation (Pass = 40%)

Semester II

Sl. No	Subject Code	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
			L	St	P/s	Total		CIE	SEE					Total
1	18AT21	Architectural Design – II	01	06	02	09	6	50	-	-	50	-	-	100
2	18AT22	Building construction & Materials- II	02	03	-	05	4	50	04	50	-	-	-	100
3	18AT23	Graphics – II	-	-	06	06	3	50	04	50	-	-	-	100
4	18AT24	History of Architecture - II	01	03	-	04	3	50	03	50	-	-	-	100
5	18AT25	Mechanics of Structures	03	-	-	03	3	50	03	50	-	-	-	100
6	18AT26	Surveying & Leveling - II	01	-	02	03	2	50	-	-	-	-	50	100
7	18AT27	Visual Arts	-	-	04	04	2	50	-	-	50	-	-	100
8	18AT28	Architectural Model Making	-	-	02	02	1	50	-	-	-	-	50	100
		TOTAL	8	12	16	36	24	400	-	200	100	-	100	800

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Semester III

Sl. No	Subject Code	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
			L	St	P/s	Total		CIE	SEE					Total
									Exam (hrs)	Th	Viva	TW	Pract	
1	18AT31	Architectural Design – III	03	06	-	09	8	50	-	-	50	-	-	100
2	18AT32	Building construction & Materials- III	02	04	-	06	5	50	04	50	-	-	-	100
3	18AT33	Graphics – III	02	03	-	05	4	50	-	-	-	50	-	100
4	18AT34	History of Architecture - III	02	02	-	04	3	50	03	50	-	-	-	100
5	18AT35	Strength of Materials	03	-	-	03	3	50	03	50	-	-	-	100
6	18AT36	Climatology	02	02	-	04	3	50	03	50	-	-	-	100
7	18AT37	Communication Skills	02	-	-	02	1	50	-	-	50	-	-	100
8	18AT38	Computer applications in Architecture-II	01	-	02	03	2	50	-	-	-	-	50	100
		TOTAL	17	17	02	36	29	400	-	200	100	50	50	800

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Semester IV

Sl. No	Subject Code	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
			L	St	P/s	Total		CIE	SEE					Total
									Exam (hrs)	Th	Viva	TW	Pract	
1	18AT41	Architectural Design – IV	03	06	-	09	8	50	-	-	50	-	-	100
2	18AT42	Building construction & Materials- IV	02	04	-	06	5	50	-	-	50	-	-	100
3	18AT43	Building Services - I	03	-	-	03	3	50	03	50	-	-	-	100
4	18AT44	History of Architecture - IV	02	02	-	04	3	50	03	50	-	-	-	100
5	18AT45	Structural Analysis	03	-	-	03	3	50	03	50	-	-	-	100
6	18AT46	Working Drawing - I	02	02	-	04	3	50	-	-	50	-	-	100
7	18AT47	Housing	02	02	-	04	3	50	03	50	-	-	-	100
8	18AT48	Measured Drawing & Documentation	-	-	03	03	1	50	-	-	50	-	-	100
		TOTAL	17	16	03	36	29	400	-	200	200	-	-	800

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Semester V

Sl. No	Subject Code	Subject Type	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
				L	St	P/s	Total		CIE	SEE					Total
										Exam (hrs)	Th	Viva	TW	Pract	
1	18AT51	PC	Architectural Design –V	03	09	-	12	9	50	-	-	50	-	-	100
2	18AT52	BS&AE	Building construction & Materials- V	03	03	-	06	5	50	-	-	50	-	-	100
3	18AT53	BS&AE	Building Services - II	03	-	-	03	3	50	03	50	-	-	-	100
4	18AT54	PC	History of Architecture - V	02	02	-	04	3	50	03	50	-	-	-	100
5	18AT55	BS&AE	Design of RCC Structures	02	02	-	04	3	50	03	50	-	-	-	100
6	18AT56	PC	Landscape Design	02	02	-	04	3	50	-	-	50	-	-	100
7	18AT57	PAEC	Study Tour& MDD	02	01	-	03	3	50	-	-	-	50	-	100
			TOTAL	17	19	-	36	29	350	-	150	150	50	-	700

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Semester VI

Sl. No	Subject Code	Subject Type	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
				L	St	P/s	Total		CIE	SEE					Total
										Exam (hrs)	Th	Viva	TW	Pract	
1	18AT61	PC	Architectural Design –VI	03	09	-	12	9	50	-	-	50	-	-	100
2	18AT62	BS&AE	Building construction & Materials- VI	02	04	-	06	5	50	-	-	50	-	-	100
3	18AT63	BS&AE	Building Services - III	03	-	-	03	3	50	03	50	-	-	-	100
4	18AT64	PC	Building Acoustics	02	02	-	04	3	50	-	-	50	-	-	100
5	18AT65	BS&AE	Design of Steel Structures	02	02	-	04	3	50	03	50	-	-	-	100
6	18AT66	PC	Working Drawing - II	02	02	-	04	3	50	-	-	50	-	-	100
7	18AT67	PE	Elective - I	03	-	-	03	3	50	03	50	-	-	-	100
			TOTAL	17	19	-	36	29	350	-	150	200	-	-	700

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Elective – I	
18AT671- Vernacular Architecture	18AT672- Sustainable Architecture

Semester VII

Sl. No	Subject Code	Subject Type	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
				L	St	P/s	Total		CIE	SEE					Total
										Exam (hrs)	Th	Viva	TW	Pract	
1	18AT71	PC	Architectural Design –VII	03	09	-	12	9	50	-	-	50	-	-	100
2	18AT72	BS&AE	Advanced Construction Techniques	02	04	-	06	5	50	-	-	50	-	-	100
3	18AT73	PC	Building Estimation & Costing	02	02	-	04	3	50	03	50	-	-	-	100
4	18AT74	PC	Interior Design	02	02	-	04	3	50	-	-	50	-	-	100
5	18AT75	PAEC	Professional Practice – I	03	-	-	03	3	50	03	50	-	-	-	100
6	18AT76	PC	Physical Planning	03	-	-	03	3	50	03	50	-	-	-	100
7	18AT77	PE	Elective – II	01	03	-	04	2	50	-	-	50	-	-	100
			TOTAL	16	20	-	36	28	350	-	150	200	-	-	700

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Elective – II	
18AT771- Earthquake Resistant Architecture	18AT772- Architectural Conservation

Semester VIII

Sl. No	Subject Code	Subject Type	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
				L	St	P/s	Total		CIE	SEE					Total
										Exam (hrs)	Th	Viva	TW	Pract	
1	18AT81	PC	Architectural Design –VIII	03	09	-	12	10	50	-	-	50	-	-	100
2	18AT82	PC	Urban Design	02	02	-	04	3	50	-	-	50	-	-	100
3	18AT83	PC	Pre Architectural Design Thesis	02	02	-	04	3	50	-	-	50	-	-	100
4	18AT84	BS&AE	Construction Management	02	02	-	04	3	50	03	50	-	-	-	100
5	18AT85	PAEC	Professional Practice – II	03	-	-	03	3	50	03	50	-	-	-	100
6	18AT86	PC	Planning Studio	02	03	-	05	3	50	-	-	50	-	-	100
7	18AT87	OE	Open Elective	02	02	-	04	3	50	-		50	-	-	100
			TOTAL	16	20	-	36	28	350	-	100	250	-	-	700

L = Lecture, St = Studio, P/s = Practical/ seminar, Th = Theory, Viva = Viva-voce, TW= Term Work, Pr=practical exam, CIE = Continuous Internal Evaluation (Pass 50%) SEE: Semester End Evaluation (Pass = 40%)

Open Elective	
18AT871- Energy Efficient Building Design	18AT872- Application of Total Station Survey

Semester IX

Sl. No	Subject Code	Subject Type	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
				L	St	P/s	Total		CIE	SEE					Total
										Exam (hrs)	Th	Viva	TW	Pract	
1	18AT91	PAEC	Professional Training					18	50	-	-	50	-	-	100
			TOTAL					18	50	-	-	50	-	-	100

L = Lecture, St = Studio, P/s = Practical/ seminar, Th = Theory, Viva = Viva-voce, TW= Term Work, Pr=practical exam, CIE = Continuous Internal Evaluation (Pass 50%) SEE: Semester End Evaluation (Pass = 40%)

Semester X

Sl. No	Subject Code	Subject Type	Title of the subject	Teaching Scheme (Periods per week)				Cred its	Examination Scheme						
				L	St	P/s	Total		CIE	SEE					Total
										Exam (hrs)	Th	Viva	TW	Pract	
1	18AT101	PC	Architectural Design Project	08	24	-	32	16	50	-	-	50	-	-	100
2	18AT102	PAEC	Seminar	-	04	-	04	2	50	-	-	50	-	-	100
			TOTAL	08	28	-	36	18	100	-	-	100	-	-	200

L = Lecture, St = Studio, P/s = Practical/ seminar, Th = Theory, Viva = Viva-voce, TW= Term Work, Pr=practical exam, CIE = Continuous Internal Evaluation (Pass 50%) SEE: Semester End Evaluation (Pass = 40%)