



JAGADGURUKUL
UNIVERSITY

Faculty of Architecture & Planning

B. Arch.

(Bachelor of Architecture)

(2015-16)

Program Structure

B.Arch. Course Structure (2015-16)

Faculty of Architecture & Planning

B.Arch., Semester-I, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignments	Mid Term	Attendance	Min. Pass. Marks for 30%=45%					
1	1JAR1	English Communication	2	1	2	5	15	10	13	70	31	100	45	3
2	1JAR2	Mathematics	2	1	3	5	15	10	13	70	31	100	45	3
3	1JAR3	Construction Materials-I	2	1	3	5	15	10	13	70	31	100	45	3
4	1JAR4	Architectural Structures-I	2	1	3	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	1JAR5	Architectural Drawing-I	1	3	100	25	25	67	100	45	250	112	4
6	1JAR6	Arts & Graphics-I	1	2	40	10	10	27	40	18	100	45	3
7	1JAR7	Building Construction-I	1	3	40	10	10	27	40	18	100	45	4
8	1JAR8	Introduction to Computers-I	1	1	40	10	10	27	40	18	100	45	2
9	1JAR9	Workshop Practice (Photography/ Carpentry/ Model Making)	1	3	40	10	10	27	40	18	100	45	4
10	1JAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
11	1JAR11	Basic Design & Field Trip	1	3	40	10	10	27	40	18	100	45	4
		SUB TOTAL	6	15	300	75	75	202	300	135	750	337	21
		GRAND TOTAL	33 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-Ii, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	2JAR1	Ecology & Environment	2	1	3	5	15	10	13	70	31	100	45	3
2	2JAR2	Construction Materials-II	2	1	3	5	15	10	13	70	31	100	45	3
3	2JAR3	Architectural Structures-II	2	1	3	5	15	10	13	70	31	100	45	3
4	2JAR4	Introduction To Architecture	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			8	4	11	20	60	40	52	280	124	400	180	12

SESSIONAL

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	2JAR5	Architectural Drawing-II	1	3	100	25	25	67	100	45	250	112	4
6	2JAR6	Architectural Design (Basic Design & Field Trip)	1	3	40	10	10	27	40	18	100	45	4
7	2JAR7	Arts & Graphics-II	1	3	40	10	10	27	40	18	100	45	4
8	2JAR8	Building Construction-II	1	3	40	10	10	27	40	18	100	45	4
9	2JAR9	Introduction To Computer-II	1	2	40	10	10	27	40	18	100	45	3
10	2JAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			5	14	260	65	65	175	260	117	650	292	19
GRAND TOTAL			33 HRS./ WEEK								1050	525*	31

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	3JAR1	History of Architecture-I	2	1	3	5	15	10	13	70	31	100	45	3
2	3JAR2	Building Science-I (Climatology)	2	1	3	5	15	10	13	70	31	100	45	3
3	3JAR3	Construction Materials-III	1	1	3	5	15	10	13	70	31	100	45	2
4	3JAR4	Architectural Structures-III	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	3JAR5	Architectural Design-I	-	8	100	25	25	67	100	45	250	112	8
6	3JAR6	Theory of Design-I	1	1	40	10	10	27	40	18	100	45	2
7	3JAR7	Arts & Graphics-III	1	2	40	10	10	27	40	18	100	45	3
8	3JAR8	Building Construction-III	1	3	40	10	10	27	40	18	100	45	4
9	3JAR9	Structure Lab.-I	-	2	40	10	10	27	40	18	100	45	2
10	3JAR10	Computer Application in Architecture-I	1	2	40	10	10	27	40	18	100	45	3
11	3JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	4	18	300	75	75	202	300	135	750	337	22
		GRAND TOTAL	32 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	4JAR1	History of Architecture-II	2	1	3	5	15	10	13	70	31	100	45	3
2	4JAR2	Surveying	1	1	3	5	15	10	13	70	31	100	45	2
3	4JAR3	Construction Materials-IV	1	1	3	5	15	10	13	70	31	100	45	2
4	4JAR4	Architectural Structures-IV	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	6	4	11	20	60	40	52	280	124	400	180	10

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	4JAR5	Architectural Design-II (Including Measured Drawing camp)	-	8	100	25	25	67	100	45	250	112	8
6	4JAR6	Theory of Design-II	1	1	40	10	10	27	40	18	100	45	2
7	4JAR7	Arts & Graphics-IV	1	2	40	10	10	27	40	18	100	45	3
8	4JAR8	Building Construction-IV	1	3	40	10	10	27	40	18	100	45	4
9	4JAR9	Computer Application in Architecture-II	1	2	40	10	10	27	40	18	100	45	3
10	4JAR10	Surveying Lab	-	2	40	10	10	27	40	18	100	45	2
11	4JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	4	18	300	75	75	202	300	135	750	337	22
		GRAND TOTAL	32 HRS./WEEK								1150	575*	32

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	5JAR1	History of Architecture-III	2	1	3	5	15	10	13	70	31	100	45	3
2	5JAR2	Building Services-I (Water supply & sanitation)	2	1	3	5	15	10	13	70	31	100	45	3
3	5JAR3	Construction Materials-V	1	1	3	5	15	10	13	70	31	100	45	2
4	5JAR4	Architectural Structures-V	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	5JAR5	Architectural Design-III & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	5JAR6	Quantity Surveying & specification	2	1	40	10	10	27	40	18	100	45	3
7	5JAR7	Sociology	1	1	40	10	10	27	40	18	100	45	2
8	5JAR8	Building Construction-V	1	3	40	10	10	27	40	18	100	45	4
9	5JAR9	Computer Application in Architecture-III	-	2	40	10	10	27	40	18	100	45	2
10	5JAR10	Elective-I 5JAR10.1 Interior Design 5JAR10.2 History of Rajasthan Art	1	1	40	10	10	27	40	18	100	45	2
11	5JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
12	5JAR12	Landscape and Site Planning	1	2	40	10	10	27	40	18	100	45	3
SUB TOTAL			6	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			35 HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	6JAR1	History of Architecture-IV	2	1	3	5	15	10	13	70	31	100	45	3
2	6JAR2	Building services-II (Electrical Services)	2	1	3	5	15	10	13	70	31	100	45	3
3	6JAR3	Construction Materials-VI	1	1	3	5	15	10	13	70	31	100	45	2
4	6JAR4	Architectural Structures-VI	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assi gnment 40%	Mid Term 10%	Attenda nce 10%	Min. Pass. Marks for 60%=45%					
5	6JAR5	Architectural Design-IV & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	6JAR6	Working Drawings	-	3	40	10	10	27	40	18	100	45	3
7	6JAR7	Building Economics	1	1	40	10	10	27	40	18	100	45	2
8	6JAR8	Building Construction-VI	1	3	40	10	10	27	40	18	100	45	4
9	6JAR9	Elective-II 6JAR9.1 Construction Management 6JAR9.2 Sustainable Architecture 6JAR9.3 Low Cost Construction And Techniques 6JAR9.4 Design for Disabled	1	1	40	10	10	27	40	18	100	45	2
10	6JAR10	Computer Applications in Architecture-IV	-	2	40	10	10	27	40	18	100	45	2
11	6JAR11	Educational Tour	-	-	40	10	10	27	40	18	100	45	3
12	6JAR12	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			32HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	7JAR1	Contract Documents & Byelaws	1	1	2	5	15	10	13	70	31	100	45	2
2	7JAR2	Building Services-III (Mechanical Services)	2	1	2	5	15	10	13	70	31	100	45	3
3	7JAR3	Building Science-II (Acoustics & Illumination)	2	1	2	5	15	10	13	70	31	100	45	3
4	7JAR4	Architectural Structures-VII	1	1	3	5	15	10	13	70	31	100	45	2
5	7JAR5	Introduction to Settlement Planning	1	1	2	5	15	10	13	70	31	100	45	2
SUB TOTAL			7	5	11	25	75	50	65	350	155	500	225	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
6	7JAR6	Architectural Design-V & Field Trip	-	8	100	25	25	67	100	45	250	112	8
7	7JAR7	Advanced Building Construction	1	2	40	10	10	27	40	18	100	45	3
8	7JAR8	Introduction to Settlement Planning (studio)	1	3	40	10	10	27	40	18	100	45	4
9	7JAR9	Dissertation	-	4	80	20	20	54	80	36	200	90	4
10	7JAR10	Elective 7JAR10.1 Alternate Energy systems in Architecture 7JAR10.2 Vernacular Architecture	1	1	40	10	10	27	40	18	100	45	2
11	7JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	300	75	75	202	300	135	750	337	21
GRAND TOTAL			33 HRS./ WEEK								1250	625*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VIII, IVyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS								
1	8JAR1	Practical: Training & its presentation / seminar	300	135	6								
		i) Monthly work reports from architects' office											
		ii) Critical appraisal of built projects											
		iii) field documentation of architectural details											
		iv) site supervision of built projects											
		v) Training reports											
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
2	8JAR2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-IX, Vyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS									
1	9JAR 1	Practical: Training & its presentation / seminar	300	135	6									
		i) Monthly work reports from architects' office												
		ii) Critical appraisal of built projects												
		iii) field documentation of architectural details												
		iv) site supervision of built projects												
		v) Training reports												
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits	
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%						
2	9JAR 2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit	
		GRAND TOTAL									300	150*	6	

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	10JAR1	Professional Practice & Management	2	1	2	5	15	10	13	70	31	100	45	3
2	10JAR2	Housing	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	4	2	4	10	30	20	26	140	62	200	90	6

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
3	10JAR3	Elective 10JAR3.1 Urban Conservation 10JAR3.2 Urban Design	2	1	40	10	10	27	40	18	100	45	3
4	10JAR4	Elective 10JAR4.1 Disaster Resistant structure 10JAR4.2 Architecture Development and legislation	2	2	40	10	10	27	40	18	100	45	4
5	10JAR5	Advanced Study of thesis topic	2	1	40	10	10	27	40	18	100	45	3
6	10JAR6	Thesis project	-	6	200	50	50	135	200	90	500	225	6
7	10JAR7	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	6	10	320	80	80	216	320	144	800	360	16
		GRAND TOTAL	26 HRS./ WEEK								1000	500*	22

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY



JAGADGURUKUL
UNIVERSITY

Faculty of Architecture & Planning

B. Arch.

(Bachelor of Architecture)

(2016-17)

Program Structure

Faculty of Architecture & Planning
B.Arch. Course Structure (2016-17)

B.Arch., Semester-I, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	IJAR1	English Communication	2	1	2	5	15	10	13	70	31	100	45	3
2	IJAR2	Mathematics	2	1	3	5	15	10	13	70	31	100	45	3
3	IJAR3	Construction Materials-I	2	1	3	5	15	10	13	70	31	100	45	3
4	IJAR4	Architectural Structures-I	2	1	3	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	IJAR5	Architectural Drawing-I	1	3	100	25	25	67	100	45	250	112	4
6	IJAR6	Arts & Graphics-I	1	2	40	10	10	27	40	18	100	45	3
7	IJAR7	Building Construction-I	1	3	40	10	10	27	40	18	100	45	4
8	IJAR8	Introduction to Computers-I	1	1	40	10	10	27	40	18	100	45	2
9	IJAR9	Workshop Practice (Photography/ Carpentry/ Model Making)	1	3	40	10	10	27	40	18	100	45	4
10	IJAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
11	IJAR11	Basic Design & Field Trip	1	3	40	10	10	27	40	18	100	45	4
		SUB TOTAL	6	15	300	75	75	202	300	135	750	337	21
		GRAND TOTAL	33 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	2JAR1	Ecology & Environment	2	1	3	5	15	10	13	70	31	100	45	3
2	2JAR2	Construction Materials-II	2	1	3	5	15	10	13	70	31	100	45	3
3	2JAR3	Architectural Structures-II	2	1	3	5	15	10	13	70	31	100	45	3
4	2JAR4	Introduction To Architecture	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONAL

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	2JAR5	Architectural Drawing-II	1	3	100	25	25	67	100	45	250	112	4
6	2JAR6	Architectural Design (Basic Design & Field Trip)	1	3	40	10	10	27	40	18	100	45	4
7	2JAR7	Arts & Graphics-II	1	3	40	10	10	27	40	18	100	45	4
8	2JAR8	Building Construction-II	1	3	40	10	10	27	40	18	100	45	4
9	2JAR9	Introduction To Computer-II	1	2	40	10	10	27	40	18	100	45	3
10	2JAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	5	14	260	65	65	175	260	117	650	292	19
		GRAND TOTAL	33 HRS./ WEEK								1050	525*	31

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-III, IYr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	3JAR1	History of Architecture-I	2	1	3	5	15	10	13	70	31	100	45	3
2	3JAR2	Building Science-I (Climatology)	2	1	3	5	15	10	13	70	31	100	45	3
3	3JAR3	Construction Materials-III	1	1	3	5	15	10	13	70	31	100	45	2
4	3JAR4	Architectural Structures-III	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	3JAR5	Architectural Design-I	-	8	100	25	25	67	100	45	250	112	8
6	3JAR6	Theory of Design-I	1	1	40	10	10	27	40	18	100	45	2
7	3JAR7	Arts & Graphics-III	1	2	40	10	10	27	40	18	100	45	3
8	3JAR8	Building Construction-III	1	3	40	10	10	27	40	18	100	45	4
9	3JAR9	Structure Lab.-I	-	2	40	10	10	27	40	18	100	45	2
10	3JAR10	Computer Application in Architecture-I	1	2	40	10	10	27	40	18	100	45	3
11	3JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	4JAR1	History of Architecture-II	2	1	3	5	15	10	13	70	31	100	45	3
2	4JAR2	Surveying	1	1	3	5	15	10	13	70	31	100	45	2
3	4JAR3	Construction Materials-IV	1	1	3	5	15	10	13	70	31	100	45	2
4	4JAR4	Architectural Structures-IV	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			6	4	11	20	60	40	52	280	124	400	180	10

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	4JAR5	Architectural Design-II (Including Measured Drawing camp)	-	8	100	25	25	67	100	45	250	112	8
6	4JAR6	Theory of Design-II	1	1	40	10	10	27	40	18	100	45	2
7	4JAR7	Arts & Graphics-IV	1	2	40	10	10	27	40	18	100	45	3
8	4JAR8	Building Construction-IV	1	3	40	10	10	27	40	18	100	45	4
9	4JAR9	Computer Application in Architecture-II	1	2	40	10	10	27	40	18	100	45	3
10	4JAR10	Surveying Lab	-	2	40	10	10	27	40	18	100	45	2
11	4JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	32

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	5JAR1	History of Architecture-III	2	1	3	5	15	10	13	70	31	100	45	3
2	5JAR2	Building Services-I (Water supply & sanitation)	2	1	3	5	15	10	13	70	31	100	45	3
3	5JAR3	Construction Materials-V	1	1	3	5	15	10	13	70	31	100	45	2
4	5JAR4	Architectural Structures-V	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	5JAR5	Architectural Design-III & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	5JAR6	Quantity Surveying & specification	2	1	40	10	10	27	40	18	100	45	3
7	5JAR7	Sociology	1	1	40	10	10	27	40	18	100	45	2
8	5JAR8	Building Construction-V	1	3	40	10	10	27	40	18	100	45	4
9	5JAR9	Computer Application in Architecture-III	-	2	40	10	10	27	40	18	100	45	2
10	5JAR10	Elective-I 5JAR10.1 Interior Design 5JAR10.2 History of Rajasthan Art	1	1	40	10	10	27	40	18	100	45	2
11	5JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
12	5JAR12	Landscape and Site Planning	1	2	40	10	10	27	40	18	100	45	3
SUB TOTAL			6	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			35 HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VI, IIIyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	6JAR1	History of Architecture-IV	2	1	3	5	15	10	13	70	31	100	45	3
2	6JAR2	Building services-II (Electrical Services)	2	1	3	5	15	10	13	70	31	100	45	3
3	6JAR3	Construction Materials-VI	1	1	3	5	15	10	13	70	31	100	45	2
4	6JAR4	Architectural Structures-VI	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assi gnment 40%	Mid Term 10%	Attenda nce 10%	Min. Pass. Marks for 60%=45%					
5	6JAR5	Architectural Design-IV & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	6JAR6	Working Drawings	-	3	40	10	10	27	40	18	100	45	3
7	6JAR7	Building Economics	1	1	40	10	10	27	40	18	100	45	2
8	6JAR8	Building Construction-VI	1	3	40	10	10	27	40	18	100	45	4
9	6JAR9	Elective-II 6JAR9.1 Construction Management 6JAR9.2 Sustainable Architecture 6JAR9.3 Low Cost Construction And Techniques 6JAR9.4 Design for Disabled	1	1	40	10	10	27	40	18	100	45	2
10	6JAR10	Computer Applications in Architecture-IV	-	2	40	10	10	27	40	18	100	45	2
11	6JAR11	Educational Tour	-	-	40	10	10	27	40	18	100	45	3
12	6JAR12	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			32HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	7JAR1	Contract Documents & Byelaws	1	1	2	5	15	10	13	70	31	100	45	2
2	7JAR2	Building Services-III (Mechanical Services)	2	1	2	5	15	10	13	70	31	100	45	3
3	7JAR3	Building Science-II (Acoustics & Illumination)	2	1	2	5	15	10	13	70	31	100	45	3
4	7JAR4	Architectural Structures-VII	1	1	3	5	15	10	13	70	31	100	45	2
5	7JAR5	Introduction to Settlement Planning	1	1	2	5	15	10	13	70	31	100	45	2
SUB TOTAL			7	5	11	25	75	50	65	350	155	500	225	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
6	7JAR6	Architectural Design-V & Field Trip	-	8	100	25	25	67	100	45	250	112	8
7	7JAR7	Advanced Building Construction	1	2	40	10	10	27	40	18	100	45	3
8	7JAR8	Introduction to Settlement Planning (studio)	1	3	40	10	10	27	40	18	100	45	4
9	7JAR9	Dissertation	-	4	80	20	20	54	80	36	200	90	4
10	7JAR10	Elective 7JAR10.1 Alternate Energy systems in Architecture 7JAR10.2 Vernacular Architecture	1	1	40	10	10	27	40	18	100	45	2
11	7JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	300	75	75	202	300	135	750	337	21
GRAND TOTAL			33 HRS./ WEEK								1250	625*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VIII, IVyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS								
1	8JAR1	Practical: Training & its presentation / seminar	300	135	6								
		i) Monthly work reports from architects' office											
		ii) Critical appraisal of built projects											
		iii) field documentation of architectural details											
		iv) site supervision of built projects											
		v) Training reports											
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
2	8JAR2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-IX, Vyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS								
1	9JAR 1	Practical: Training & its presentation / seminar	300	135	6								
		i) Monthly work reports from architects' office											
		ii) Critical appraisal of built projects											
		iii) field documentation of architectural details											
		iv) site supervision of built projects											
v) Training reports													
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
2	9JAR 2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	10JAR1	Professional Practice & Management	2	1	2	5	15	10	13	70	31	100	45	3
2	10JAR2	Housing	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	4	2	4	10	30	20	26	140	62	200	90	6

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
3	10JAR3	Elective 10JAR3.1 Urban Conservation 10JAR3.2 Urban Design	2	1	40	10	10	27	40	18	100	45	3
4	10JAR4	Elective 10JAR4.1 Disaster Resistant structure 10JAR4.2 Architecture Development and legislation	2	2	40	10	10	27	40	18	100	45	4
5	10JAR5	Advanced Study of thesis topic	2	1	40	10	10	27	40	18	100	45	3
6	10JAR6	Thesis project	-	6	200	50	50	135	200	90	500	225	6
7	10JAR7	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	6	10	320	80	80	216	320	144	800	360	16
		GRAND TOTAL	26 HRS./ WEEK								1000	500*	22

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.



JAGADGURUKUL
UNIVERSITY

Faculty of Architecture & Planning

B. Arch.

(Bachelor of Architecture)

(2017-18)

Program Structure

Faculty of Architecture & Planning
B.Arch. Course Structure (2017-18)

B.Arch., Semester-I, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	IJAR1	English Communication	2	1	2	5	15	10	13	70	31	100	45	3
2	IJAR2	Mathematics	2	1	3	5	15	10	13	70	31	100	45	3
3	IJAR3	Construction Materials-I	2	1	3	5	15	10	13	70	31	100	45	3
4	IJAR4	Architectural Structures-I	2	1	3	5	15	10	13	70	31	100	45	3
SUB TOTAL			8	4	11	20	60	40	52	280	124	400	180	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	IJAR5	Architectural Drawing-I	1	3	100	25	25	67	100	45	250	112	4
6	IJAR6	Arts & Graphics-I	1	2	40	10	10	27	40	18	100	45	3
7	IJAR7	Building Construction-I	1	3	40	10	10	27	40	18	100	45	4
8	IJAR8	Introduction to Computers-I	1	1	40	10	10	27	40	18	100	45	2
9	IJAR9	Workshop Practice (Photography/ Carpentry/ Model Making)	1	3	40	10	10	27	40	18	100	45	4
10	IJAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
11	IJAR11	Basic Design & Field Trip	1	3	40	10	10	27	40	18	100	45	4
SUB TOTAL			6	15	300	75	75	202	300	135	750	337	21
GRAND TOTAL			33 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	2JAR1	Ecology & Environment	2	1	3	5	15	10	13	70	31	100	45	3
2	2JAR2	Construction Materials-II	2	1	3	5	15	10	13	70	31	100	45	3
3	2JAR3	Architectural Structures-II	2	1	3	5	15	10	13	70	31	100	45	3
4	2JAR4	Introduction To Architecture	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONAL

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	2JAR5	Architectural Drawing-II	1	3	100	25	25	67	100	45	250	112	4
6	2JAR6	Architectural Design (Basic Design & Field Trip)	1	3	40	10	10	27	40	18	100	45	4
7	2JAR7	Arts & Graphics-II	1	3	40	10	10	27	40	18	100	45	4
8	2JAR8	Building Construction-II	1	3	40	10	10	27	40	18	100	45	4
9	2JAR9	Introduction To Computer-II	1	2	40	10	10	27	40	18	100	45	3
10	2JAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	5	14	260	65	65	175	260	117	650	292	19
		GRAND TOTAL	33 HRS./ WEEK								1050	525*	31

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-III, IYr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	3JAR1	History of Architecture-I	2	1	3	5	15	10	13	70	31	100	45	3
2	3JAR2	Building Science-I (Climatology)	2	1	3	5	15	10	13	70	31	100	45	3
3	3JAR3	Construction Materials-III	1	1	3	5	15	10	13	70	31	100	45	2
4	3JAR4	Architectural Structures-III	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	3JAR5	Architectural Design-I	-	8	100	25	25	67	100	45	250	112	8
6	3JAR6	Theory of Design-I	1	1	40	10	10	27	40	18	100	45	2
7	3JAR7	Arts & Graphics-III	1	2	40	10	10	27	40	18	100	45	3
8	3JAR8	Building Construction-III	1	3	40	10	10	27	40	18	100	45	4
9	3JAR9	Structure Lab.-I	-	2	40	10	10	27	40	18	100	45	2
10	3JAR10	Computer Application in Architecture-I	1	2	40	10	10	27	40	18	100	45	3
11	3JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	4JAR1	History of Architecture-II	2	1	3	5	15	10	13	70	31	100	45	3
2	4JAR2	Surveying	1	1	3	5	15	10	13	70	31	100	45	2
3	4JAR3	Construction Materials-IV	1	1	3	5	15	10	13	70	31	100	45	2
4	4JAR4	Architectural Structures-IV	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			6	4	11	20	60	40	52	280	124	400	180	10

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	4JAR5	Architectural Design-II (Including Measured Drawing camp)	-	8	100	25	25	67	100	45	250	112	8
6	4JAR6	Theory of Design-II	1	1	40	10	10	27	40	18	100	45	2
7	4JAR7	Arts & Graphics-IV	1	2	40	10	10	27	40	18	100	45	3
8	4JAR8	Building Construction-IV	1	3	40	10	10	27	40	18	100	45	4
9	4JAR9	Computer Application in Architecture-II	1	2	40	10	10	27	40	18	100	45	3
10	4JAR10	Surveying Lab	-	2	40	10	10	27	40	18	100	45	2
11	4JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	32

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	5JAR1	History of Architecture-III	2	1	3	5	15	10	13	70	31	100	45	3
2	5JAR2	Building Services-I (Water supply & sanitation)	2	1	3	5	15	10	13	70	31	100	45	3
3	5JAR3	Construction Materials-V	1	1	3	5	15	10	13	70	31	100	45	2
4	5JAR4	Architectural Structures-V	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	5JAR5	Architectural Design-III & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	5JAR6	Quantity Surveying & specification	2	1	40	10	10	27	40	18	100	45	3
7	5JAR7	Sociology	1	1	40	10	10	27	40	18	100	45	2
8	5JAR8	Building Construction-V	1	3	40	10	10	27	40	18	100	45	4
9	5JAR9	Computer Application in Architecture-III	-	2	40	10	10	27	40	18	100	45	2
10	5JAR10	Elective-I 5JAR10.1 Interior Design 5JAR10.2 History of Rajasthan Art	1	1	40	10	10	27	40	18	100	45	2
11	5JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
12	5JAR12	Landscape and Site Planning	1	2	40	10	10	27	40	18	100	45	3
SUB TOTAL			6	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			35 HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VI, IIIyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	6JAR1	History of Architecture-IV	2	1	3	5	15	10	13	70	31	100	45	3
2	6JAR2	Building services-II (Electrical Services)	2	1	3	5	15	10	13	70	31	100	45	3
3	6JAR3	Construction Materials-VI	1	1	3	5	15	10	13	70	31	100	45	2
4	6JAR4	Architectural Structures-VI	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assi gnm ent 40%	Mid Term 10%	Attenda nce 10%	Min. Pass. Marks for 60%=45%					
5	6JAR5	Architectural Design-IV & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	6JAR6	Working Drawings	-	3	40	10	10	27	40	18	100	45	3
7	6JAR7	Building Economics	1	1	40	10	10	27	40	18	100	45	2
8	6JAR8	Building Construction-VI	1	3	40	10	10	27	40	18	100	45	4
9	6JAR9	Elective-II 6JAR9.1 Construction Management 6JAR9.2 Sustainable Architecture 6JAR9.3 Low Cost Construction And Techniques 6JAR9.4 Design for Disabled	1	1	40	10	10	27	40	18	100	45	2
10	6JAR10	Computer Applications in Architecture-IV	-	2	40	10	10	27	40	18	100	45	2
11	6JAR11	Educational Tour	-	-	40	10	10	27	40	18	100	45	3
12	6JAR12	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			32HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	7JAR1	Contract Documents & Byelaws	1	1	2	5	15	10	13	70	31	100	45	2
2	7JAR2	Building Services-III (Mechanical Services)	2	1	2	5	15	10	13	70	31	100	45	3
3	7JAR3	Building Science-II (Acoustics & Illumination)	2	1	2	5	15	10	13	70	31	100	45	3
4	7JAR4	Architectural Structures-VII	1	1	3	5	15	10	13	70	31	100	45	2
5	7JAR5	Introduction to Settlement Planning	1	1	2	5	15	10	13	70	31	100	45	2
SUB TOTAL			7	5	11	25	75	50	65	350	155	500	225	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
6	7JAR6	Architectural Design-V & Field Trip	-	8	100	25	25	67	100	45	250	112	8
7	7JAR7	Advanced Building Construction	1	2	40	10	10	27	40	18	100	45	3
8	7JAR8	Introduction to Settlement Planning (studio)	1	3	40	10	10	27	40	18	100	45	4
9	7JAR9	Dissertation	-	4	80	20	20	54	80	36	200	90	4
10	7JAR10	Elective 7JAR10.1 Alternate Energy systems in Architecture 7JAR10.2 Vernacular Architecture	1	1	40	10	10	27	40	18	100	45	2
11	7JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	300	75	75	202	300	135	750	337	21
GRAND TOTAL			33 HRS./ WEEK								1250	625*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VIII, IVyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS								
1	8JAR1	Practical: Training & its presentation / seminar	300	135	6								
		i) Monthly work reports from architects' office											
		ii) Critical appraisal of built projects											
		iii) field documentation of architectural details											
		iv) site supervision of built projects											
v) Training reports													
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
2	8JAR2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-IX, Vyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS								
1	9JAR1	Practical: Training & its presentation / seminar	300	135	6								
		i) Monthly work reports from architects' office											
		ii) Critical appraisal of built projects											
		iii) field documentation of architectural details											
		iv) site supervision of built projects											
		v) Training reports											
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
2	9JAR2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	10JAR1	Professional Practice & Management	2	1	2	5	15	10	13	70	31	100	45	3
2	10JAR2	Housing	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	4	2	4	10	30	20	26	140	62	200	90	6

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
3	10JAR3	Elective 10JAR3.1 Urban Conservation 10JAR3.2 Urban Design	2	1	40	10	10	27	40	18	100	45	3
4	10JAR4	Elective 10JAR4.1 Disaster Resistant structure 10JAR4.2 Architecture Development and legislation	2	2	40	10	10	27	40	18	100	45	4
5	10JAR5	Advanced Study of thesis topic	2	1	40	10	10	27	40	18	100	45	3
6	10JAR6	Thesis project	-	6	200	50	50	135	200	90	500	225	6
7	10JAR7	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	6	10	320	80	80	216	320	144	800	360	16
		GRAND TOTAL	26 HRS./ WEEK								1000	500*	22

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.



JAGADGURUKUL
UNIVERSITY

Faculty of Architecture & Planning

B. Arch.

(Bachelor of Architecture)

(2018-19)

Program Structure

Faculty of Architecture & Planning
B.Arch. Course Structure (2018-19)

B.Arch., Semester-I, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	IJAR1	English Communication	2	1	2	5	15	10	13	70	31	100	45	3
2	IJAR2	Mathematics	2	1	3	5	15	10	13	70	31	100	45	3
3	IJAR3	Construction Materials-I	2	1	3	5	15	10	13	70	31	100	45	3
4	IJAR4	Architectural Structures-I	2	1	3	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	IJAR5	Architectural Drawing-I	1	3	100	25	25	67	100	45	250	112	4
6	IJAR6	Arts & Graphics-I	1	2	40	10	10	27	40	18	100	45	3
7	IJAR7	Building Construction-I	1	3	40	10	10	27	40	18	100	45	4
8	IJAR8	Introduction to Computers-I	1	1	40	10	10	27	40	18	100	45	2
9	IJAR9	Workshop Practice (Photography/ Carpentry/ Model Making)	1	3	40	10	10	27	40	18	100	45	4
10	IJAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
11	IJAR11	Basic Design & Field Trip	1	3	40	10	10	27	40	18	100	45	4
		SUB TOTAL	6	15	300	75	75	202	300	135	750	337	21
		GRAND TOTAL	33 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	2JAR1	Ecology & Environment	2	1	3	5	15	10	13	70	31	100	45	3
2	2JAR2	Construction Materials-II	2	1	3	5	15	10	13	70	31	100	45	3
3	2JAR3	Architectural Structures-II	2	1	3	5	15	10	13	70	31	100	45	3
4	2JAR4	Introduction To Architecture	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONAL

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	2JAR5	Architectural Drawing-II	1	3	100	25	25	67	100	45	250	112	4
6	2JAR6	Architectural Design (Basic Design & Field Trip)	1	3	40	10	10	27	40	18	100	45	4
7	2JAR7	Arts & Graphics-II	1	3	40	10	10	27	40	18	100	45	4
8	2JAR8	Building Construction-II	1	3	40	10	10	27	40	18	100	45	4
9	2JAR9	Introduction To Computer-II	1	2	40	10	10	27	40	18	100	45	3
10	2JAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	5	14	260	65	65	175	260	117	650	292	19
		GRAND TOTAL	33 HRS./ WEEK								1050	525*	31

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-III, IYr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	3JAR1	History of Architecture-I	2	1	3	5	15	10	13	70	31	100	45	3
2	3JAR2	Building Science-I (Climatology)	2	1	3	5	15	10	13	70	31	100	45	3
3	3JAR3	Construction Materials-III	1	1	3	5	15	10	13	70	31	100	45	2
4	3JAR4	Architectural Structures-III	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	3JAR5	Architectural Design-I	-	8	100	25	25	67	100	45	250	112	8
6	3JAR6	Theory of Design-I	1	1	40	10	10	27	40	18	100	45	2
7	3JAR7	Arts & Graphics-III	1	2	40	10	10	27	40	18	100	45	3
8	3JAR8	Building Construction-III	1	3	40	10	10	27	40	18	100	45	4
9	3JAR9	Structure Lab.-I	-	2	40	10	10	27	40	18	100	45	2
10	3JAR10	Computer Application in Architecture-I	1	2	40	10	10	27	40	18	100	45	3
11	3JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	4JAR1	History of Architecture-II	2	1	3	5	15	10	13	70	31	100	45	3
2	4JAR2	Surveying	1	1	3	5	15	10	13	70	31	100	45	2
3	4JAR3	Construction Materials-IV	1	1	3	5	15	10	13	70	31	100	45	2
4	4JAR4	Architectural Structures-IV	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			6	4	11	20	60	40	52	280	124	400	180	10

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	4JAR5	Architectural Design-II (Including Measured Drawing camp)	-	8	100	25	25	67	100	45	250	112	8
6	4JAR6	Theory of Design-II	1	1	40	10	10	27	40	18	100	45	2
7	4JAR7	Arts & Graphics-IV	1	2	40	10	10	27	40	18	100	45	3
8	4JAR8	Building Construction-IV	1	3	40	10	10	27	40	18	100	45	4
9	4JAR9	Computer Application in Architecture-II	1	2	40	10	10	27	40	18	100	45	3
10	4JAR10	Surveying Lab	-	2	40	10	10	27	40	18	100	45	2
11	4JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	32

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	5JAR1	History of Architecture-III	2	1	3	5	15	10	13	70	31	100	45	3
2	5JAR2	Building Services-I (Water supply & sanitation)	2	1	3	5	15	10	13	70	31	100	45	3
3	5JAR3	Construction Materials-V	1	1	3	5	15	10	13	70	31	100	45	2
4	5JAR4	Architectural Structures-V	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	5JAR5	Architectural Design-III & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	5JAR6	Quantity Surveying & specification	2	1	40	10	10	27	40	18	100	45	3
7	5JAR7	Sociology	1	1	40	10	10	27	40	18	100	45	2
8	5JAR8	Building Construction-V	1	3	40	10	10	27	40	18	100	45	4
9	5JAR9	Computer Application in Architecture-III	-	2	40	10	10	27	40	18	100	45	2
10	5JAR10	Elective-I 5JAR10.1 Interior Design 5JAR10.2 History of Rajasthan Art	1	1	40	10	10	27	40	18	100	45	2
11	5JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
12	5JAR12	Landscape and Site Planning	1	2	40	10	10	27	40	18	100	45	3
SUB TOTAL			6	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			35 HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VI, IIIyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	6JAR1	History of Architecture-IV	2	1	3	5	15	10	13	70	31	100	45	3
2	6JAR2	Building services-II (Electrical Services)	2	1	3	5	15	10	13	70	31	100	45	3
3	6JAR3	Construction Materials-VI	1	1	3	5	15	10	13	70	31	100	45	2
4	6JAR4	Architectural Structures-VI	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assi gnment 40%	Mid Term 10%	Attenda nce 10%	Min. Pass. Marks for 60%=45%					
5	6JAR5	Architectural Design-IV & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	6JAR6	Working Drawings	-	3	40	10	10	27	40	18	100	45	3
7	6JAR7	Building Economics	1	1	40	10	10	27	40	18	100	45	2
8	6JAR8	Building Construction-VI	1	3	40	10	10	27	40	18	100	45	4
9	6JAR9	Elective-II 6JAR9.1 Construction Management 6JAR9.2 Sustainable Architecture 6JAR9.3 Low Cost Construction And Techniques 6JAR9.4 Design for Disabled	1	1	40	10	10	27	40	18	100	45	2
10	6JAR10	Computer Applications in Architecture-IV	-	2	40	10	10	27	40	18	100	45	2
11	6JAR11	Educational Tour	-	-	40	10	10	27	40	18	100	45	3
12	6JAR12	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			32HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	7JAR1	Contract Documents & Byelaws	1	1	2	5	15	10	13	70	31	100	45	2
2	7JAR2	Building Services-III (Mechanical Services)	2	1	2	5	15	10	13	70	31	100	45	3
3	7JAR3	Building Science-II (Acoustics & Illumination)	2	1	2	5	15	10	13	70	31	100	45	3
4	7JAR4	Architectural Structures-VII	1	1	3	5	15	10	13	70	31	100	45	2
5	7JAR5	Introduction to Settlement Planning	1	1	2	5	15	10	13	70	31	100	45	2
SUB TOTAL			7	5	11	25	75	50	65	350	155	500	225	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
6	7JAR6	Architectural Design-V & Field Trip	-	8	100	25	25	67	100	45	250	112	8
7	7JAR7	Advanced Building Construction	1	2	40	10	10	27	40	18	100	45	3
8	7JAR8	Introduction to Settlement Planning (studio)	1	3	40	10	10	27	40	18	100	45	4
9	7JAR9	Dissertation	-	4	80	20	20	54	80	36	200	90	4
10	7JAR10	Elective 7JAR10.1 Alternate Energy systems in Architecture 7JAR10.2 Vernacular Architecture	1	1	40	10	10	27	40	18	100	45	2
11	7JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	300	75	75	202	300	135	750	337	21
GRAND TOTAL			33 HRS./ WEEK								1250	625*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VIII, IVyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS								
1	8JAR1	Practical: Training & its presentation / seminar	300	135	6								
		i) Monthly work reports from architects' office											
		ii) Critical appraisal of built projects											
		iii) field documentation of architectural details											
		iv) site supervision of built projects											
v) Training reports													
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
2	8JAR2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS									
1	9JAR 1	Practical: Training & its presentation / seminar	300	135	6									
		i) Monthly work reports from architects' office												
		ii) Critical appraisal of built projects												
		iii) field documentation of architectural details												
		iv) site supervision of built projects												
v) Training reports														
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits	
2	9JAR 2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6	

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	10JAR1	Professional Practice & Management	2	1	2	5	15	10	13	70	31	100	45	3
2	10JAR2	Housing	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	4	2	4	10	30	20	26	140	62	200	90	6

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
3	10JAR3	Elective 10JAR3.1 Urban Conservation 10JAR3.2 Urban Design	2	1	40	10	10	27	40	18	100	45	3
4	10JAR4	Elective 10JAR4.1 Disaster Resistant structure 10JAR4.2 Architecture Development and legislation	2	2	40	10	10	27	40	18	100	45	4
5	10JAR5	Advanced Study of thesis topic	2	1	40	10	10	27	40	18	100	45	3
6	10JAR6	Thesis project	-	6	200	50	50	135	200	90	500	225	6
7	10JAR7	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	6	10	320	80	80	216	320	144	800	360	16
		GRAND TOTAL	26 HRS./ WEEK								1000	500*	22

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.



JAGADGURUKUL
UNIVERSITY

Faculty of Architecture & Planning

B. Arch.

(Bachelor of Architecture)

(2019-20)

Program Structure

B.Arch. Course Structure (2019-20)

B.Arch., Semester-I, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	IJAR1	English Communication	2	1	2	5	15	10	13	70	31	100	45	3
2	IJAR2	Mathematics	2	1	3	5	15	10	13	70	31	100	45	3
3	IJAR3	Construction Materials-I	2	1	3	5	15	10	13	70	31	100	45	3
4	IJAR4	Architectural Structures-I	2	1	3	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	IJAR5	Architectural Drawing-I	1	3	100	25	25	67	100	45	250	112	4
6	IJAR6	Arts & Graphics-I	1	2	40	10	10	27	40	18	100	45	3
7	IJAR7	Building Construction-I	1	3	40	10	10	27	40	18	100	45	4
8	IJAR8	Introduction to Computers-	1	1	40	10	10	27	40	18	100	45	2
9	IJAR9	Workshop Practice (Photography/ Carpentry/ Model Making)	1	3	40	10	10	27	40	18	100	45	4
10	IJAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
11	IJAR11	Basic Design & Field Trip	1	3	40	10	10	27	40	18	100	45	4
		SUB TOTAL	6	15	300	75	75	202	300	135	750	337	21
		GRAND TOTAL	33 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-II,, Iyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	2JAR1	Ecology & Environment	2	1	3	5	15	10	13	70	31	100	45	3
2	2JAR2	Construction Materials-II	2	1	3	5	15	10	13	70	31	100	45	3
3	2JAR3	Architectural Structures-II	2	1	3	5	15	10	13	70	31	100	45	3
4	2JAR4	Introduction To Architecture	2	1	2	5	15	10	13	70	31	100	45	3
		SUB TOTAL	8	4	11	20	60	40	52	280	124	400	180	12

SESSIONAL

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	2JAR5	Architectural Drawing-II	1	3	100	25	25	67	100	45	250	112	4
6	2JAR6	Architectural Design (Basic Design & Field Trip)	1	3	40	10	10	27	40	18	100	45	4
7	2JAR7	Arts & Graphics-II	1	3	40	10	10	27	40	18	100	45	4
8	2JAR8	Building Construction-II	1	3	40	10	10	27	40	18	100	45	4
9	2JAR9	Introduction To Computer-II	1	2	40	10	10	27	40	18	100	45	3
10	2JAR10	Discipline & Extra Curricular Activities.	-	-	-	-	-	-	-	-	-	-	Non-Credit
		SUB TOTAL	5	14	260	65	65	175	260	117	650	292	19
		GRAND TOTAL			33 HRS./ WEEK						1050	525*	31

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-III, IYr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	3JAR1	History of Architecture-I	2	1	3	5	15	10	13	70	31	100	45	3
2	3JAR2	Building Science-I (Climatology)	2	1	3	5	15	10	13	70	31	100	45	3
3	3JAR3	Construction Materials-III	1	1	3	5	15	10	13	70	31	100	45	2
4	3JAR4	Architectural Structures-III	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	3JAR5	Architectural Design-I	-	8	100	25	25	67	100	45	250	112	8
6	3JAR6	Theory of Design-I	1	1	40	10	10	27	40	18	100	45	2
7	3JAR7	Arts & Graphics-III	1	2	40	10	10	27	40	18	100	45	3
8	3JAR8	Building Construction-III	1	3	40	10	10	27	40	18	100	45	4
9	3JAR9	Structure Lab.-I	-	2	40	10	10	27	40	18	100	45	2
10	3JAR10	Computer Application in Architecture-I	1	2	40	10	10	27	40	18	100	45	3
11	3JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-IV, IYr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	4JAR1	History of Architecture-II	2	1	3	5	15	10	13	70	31	100	45	3
2	4JAR2	Surveying	1	1	3	5	15	10	13	70	31	100	45	2
3	4JAR3	Construction Materials-IV	1	1	3	5	15	10	13	70	31	100	45	2
4	4JAR4	Architectural Structures-IV	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			6	4	11	20	60	40	52	280	124	400	180	10

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	4JAR5	Architectural Design-II (Including Measured Drawing camp)	-	8	100	25	25	67	100	45	250	112	8
6	4JAR6	Theory of Design-II	1	1	40	10	10	27	40	18	100	45	2
7	4JAR7	Arts & Graphics-IV	1	2	40	10	10	27	40	18	100	45	3
8	4JAR8	Building Construction-IV	1	3	40	10	10	27	40	18	100	45	4
9	4JAR9	Computer Application in Architecture-II	1	2	40	10	10	27	40	18	100	45	3
10	4JAR10	Surveying Lab	-	2	40	10	10	27	40	18	100	45	2
11	4JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			4	18	300	75	75	202	300	135	750	337	22
GRAND TOTAL			32 HRS./ WEEK								1150	575*	32

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-V, IIIyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	5JAR1	History of Architecture-III	2	1	3	5	15	10	13	70	31	100	45	3
2	5JAR2	Building Services-I (Water supply & sanitation)	2	1	3	5	15	10	13	70	31	100	45	3
3	5JAR3	Construction Materials-V	1	1	3	5	15	10	13	70	31	100	45	2
4	5JAR4	Architectural Structures-V	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	5JAR5	Architectural Design-III & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	5JAR6	Quantity Surveying & specification	2	1	40	10	10	27	40	18	100	45	3
7	5JAR7	Sociology	1	1	40	10	10	27	40	18	100	45	2
8	5JAR8	Building Construction-V	1	3	40	10	10	27	40	18	100	45	4
9	5JAR9	Computer Application in Architecture-III	-	2	40	10	10	27	40	18	100	45	2
10	5JAR10	Elective-I 5JAR10.1 Interior Design 5JAR10.2 History of Rajasthan Art	1	1	40	10	10	27	40	18	100	45	2
11	5JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
12	5JAR12	Landscape and Site Planning	1	2	40	10	10	27	40	18	100	45	3
SUB TOTAL			6	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			35 HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VI, IIIyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	6JAR1	History of Architecture-IV	2	1	3	5	15	10	13	70	31	100	45	3
2	6JAR2	Building services-II (Electrical Services)	2	1	3	5	15	10	13	70	31	100	45	3
3	6JAR3	Construction Materials-VI	1	1	3	5	15	10	13	70	31	100	45	2
4	6JAR4	Architectural Structures-VI	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			7	4	11	20	60	40	52	280	124	400	180	11

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
5	6JAR5	Architectural Design-IV & Field Trip	-	8	100	25	25	67	100	45	250	112	8
6	6JAR6	Working Drawings	-	3	40	10	10	27	40	18	100	45	3
7	6JAR7	Building Economics	1	1	40	10	10	27	40	18	100	45	2
8	6JAR8	Building Construction-VI	1	3	40	10	10	27	40	18	100	45	4
9	6JAR9	Elective-II 6JAR9.1 Construction Management 6JAR9.2 Sustainable Architecture 6JAR9.3 Low Cost Construction And Techniques 6JAR9.4 Design for Disabled	1	1	40	10	10	27	40	18	100	45	2
10	6JAR10	Computer Applications in Architecture-IV	-	2	40	10	10	27	40	18	100	45	2
11	6JAR11	Educational Tour	-	-	40	10	10	27	40	18	100	45	3
12	6JAR12	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	340	85	85	229	340	153	850	382	24
GRAND TOTAL			32HRS./ WEEK								1250	625*	35

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VII, IVyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	7JAR1	Contract Documents & Byelaws	1	1	2	5	15	10	13	70	31	100	45	2
2	7JAR2	Building Services-III (Mechanical Services)	2	1	2	5	15	10	13	70	31	100	45	3
3	7JAR3	Building Science-II (Acoustics & Illumination)	2	1	2	5	15	10	13	70	31	100	45	3
4	7JAR4	Architectural Structures-VII	1	1	3	5	15	10	13	70	31	100	45	2
5	7JAR5	Introduction to Settlement Planning	1	1	2	5	15	10	13	70	31	100	45	2
SUB TOTAL			7	5	11	25	75	50	65	350	155	500	225	12

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
6	7JAR6	Architectural Design-V & Field Trip	-	8	100	25	25	67	100	45	250	112	8
7	7JAR7	Advanced Building Construction	1	2	40	10	10	27	40	18	100	45	3
8	7JAR8	Introduction to Settlement Planning (studio)	1	3	40	10	10	27	40	18	100	45	4
9	7JAR9	Dissertation	-	4	80	20	20	54	80	36	200	90	4
10	7JAR10	Elective 7JAR10.1 Alternate Energy systems in Architecture 7JAR10.2 Vernacular Architecture	1	1	40	10	10	27	40	18	100	45	2
11	7JAR11	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			3	18	300	75	75	202	300	135	750	337	21
GRAND TOTAL			33 HRS./ WEEK								1250	625*	33

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-VIII, IVyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS									
1	8JAR 1	Practical: Training & its presentation / seminar	300	135	6									
		i) Monthly work reports from architects' office												
		ii) Critical appraisal of built projects												
		iii) field documentation of architectural details												
		iv) site supervision of built projects												
		v) Training reports												
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits	
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%						
2	8JAR 2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6	

1. * 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-IX, Vyr. (5 yrs Degree Course)

Sr.No	Code Nos	Subjects	Total Marks	MIN.PASS MARKS=(45%)	CREDITS									
1	9JAR1	Practical: Training & its presentation / seminar	300	135	6									
		i) Monthly work reports from architects' office												
		ii) Critical appraisal of built projects												
		iii) field documentation of architectural details												
		iv) site supervision of built projects												
		v) Training reports												
Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits	
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%						
2	9JAR2	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	-	Non-Credit
		GRAND TOTAL									300	150*	6	

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.

B.Arch, Semester-X, Vyr. (5 yrs Degree Course)

THEORY

Sr. Nos.	Code No.	Subjects	L	T	Exam. Hrs.	30% Mid Term Ass.				70% End Term Ass.	Min. Pass. Marks for 70%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
						Assignment 5	Mid Term 15	Attendance 10	Min. Pass. Marks for 30%=45%					
1	10JAR1	Professional Practice & Management	2	1	2	5	15	10	13	70	31	100	45	3
2	10JAR2	Housing	2	1	2	5	15	10	13	70	31	100	45	3
SUB TOTAL			4	2	4	10	30	20	26	140	62	200	90	6

SESSIONALS

Sr. Nos.	Code No.	Subjects	L	S	60% Mid Term Ass.				40% End Term Ass.	Min. Pass. Marks for 40%=45%	Total Marks	Min. Pass. Marks =(45%)	Credits
					Assignment 40%	Mid Term 10%	Attendance 10%	Min. Pass. Marks for 60%=45%					
3	10JAR3	Elective 10JAR3.1 Urban Conservation 10JAR3.2 Urban Design	2	1	40	10	10	27	40	18	100	45	3
4	10JAR4	Elective 10JAR4.1 Disaster Resistant structure 10JAR4.2 Architecture Development and legislation	2	2	40	10	10	27	40	18	100	45	4
5	10JAR5	Advanced Study of thesis topic	2	1	40	10	10	27	40	18	100	45	3
6	10JAR6	Thesis project	-	6	200	50	50	135	200	90	500	225	6
7	10JAR7	Discipline & Extra Curricular Activities	-	-	-	-	-	-	-	-	-	-	Non-Credit
SUB TOTAL			6	10	320	80	80	216	320	144	800	360	16
GRAND TOTAL			26 HRS./ WEEK								1000	500*	22

* 45% marks in Internal & External separately in individual papers and 50% marks in semester aggregate.