



School of Architecture and Landscape Design
Program Structure of B. ARCH. (Branch) Five Year Full Time Degree
(Applicable for Entry Batch 2018)

1 st Semester							2 nd Semester						
Sl. No.	Course Code	Course Title	L	T	S/P	C	Sl. No.	Course Code	Course Title	L	T	S/P	C
1	ALU 1511	Architectural Design-I	2	0	6	5	1	ALU 1521	Architectural Design-II	2	0	6	5
2	ALU 1512	Building Materials & Construction -I	2	0	4	4	2	ALU 1522	Building Materials & Construction -II	2	0	4	4
3	ALL 1513	Building Structures-I	2	1	0	3	3	ALL 1523	Building Structures-II	2	1	0	3
4	ALL 1514	History of Architecture-I	2	1	0	3	4	ALL 1524	History of Architecture-II	2	1	0	3
5	ALU 1515	Architectural Drawings - I	2	0	4	4	5	ALU 1525	Architectural Drawings - II	2	0	4	4
6	ALU 1516	Basic Design & Visual Arts	0	2	0	2	6	ALU 1526	Arts & Graphics	0	2	0	2
7	ALP 1517	Model Workshop	0	0	4	2	7	ALP 1527	Surveying & Leveling	1	0	2	2
Total Credits						23	Total Credits						23
3 rd Semester							4 th Semester						
Sl. No.	Course Code	Course Title	L	T	S/P	C	Sl. No.	Course Code	Course Title	L	T	S/P	C
1	ALU 2511	Architectural Design-III	2	0	6	5	1	ALU 2521	Architectural Design-IV	2	0	6	5
2	ALU 2512	Building Materials & Construction -III	2	0	4	4	2	ALU 2522	Building Materials & Construction -IV	2	0	4	4
3	ALL 2513	Building Structures-III	2	1	0	3	3	ALL 2523	Building Structures-IV	2	1	0	3
4	ALL 2514	History of Architecture-III	2	1	0	3	4	ALL 2524	History of Architecture-IV	2	1	0	3
5	ALP 2515	Computer Applications in Architecture - I	2	0	4	4	5	ALP 2525	Computer Applications in Architecture - II	2	0	4	4
6	ALL 2516	Climatology	2	0	0	2	6	ALL 2526	Theory of Design	2	0	0	2
7	ALL 2517	Building Services-I	2	0	0	2	7	ALL 2527	Building Services-II	2	0	0	2
Total Credits						23	Total Credits						23
5 th Semester							6 th Semester						
Sl. No.	Course Code	Course Title	L	T	S/P	C	Sl. No.	Course Code	Course Title	L	T	S/P	C
1	ALU 3511	Architectural Design-V	2	0	6	5	1	ALU 3521	Architectural Design-VI	2	0	6	5
2	ALU 3512	Building Materials & Construction -V	2	0	4	4	2	ALU 3522	Building Materials & Construction -VI	2	0	4	4
3	ALL 3513	Building Structures-V	2	1	0	3	3	ALL 3523	Building Structures-VI	2	1	0	3
4	ALL 3514	Principles of Management	3	0	0	3	4	ALL 3524	Environmental Studies	2	0	0	2
5	ALP 3515	Computer Applications in Architecture - III	2	0	4	4	5	ALU 3525	Working Drawings	2	0	4	4
6	ALL 3516	Lighting & Acoustics	2	0	0	2	6	PCL 1067	Discourse on Human Virtues	3	0	0	3
7	ALL 3517	Sociology & Economics	2	0	0	2	7	ALL 3527	Estimation & Costing	2	0	0	2
Total Credits						23	Total Credits						23
7 th Semester							8 th Semester						
Sl. No.	Course Code	Course Title	L	T	S/P	C	Sl. No.	Course Code	Course Title	L	T	S/P	C
1	ALT 4511	Professional Training (18 weeks training in an architectural office / firm) (June 01 to November 15)				20	1	ALU 4521	Architectural Design-VIII	2	0	8	6
							2	ALU 4522	Advanced Building Construction Technology	2	0	2	3
							3	ALL 4523	Disaster Management	2	0	0	2
							4	ALL 4524	Green Buildings	3	0	0	3
							5	ALU 4525	Landscape Design	2	0	4	4
							6	ALC 4526	Dissertation	0	4	0	4
Total Credits						20	Total Credits						22
9 th Semester							10 th Semester						
Sl. No.	Course Code	Course Title	L	T	S/P	C	Sl. No.	Course Code	Course Title	L	T	S/P	C
1	ALU 5511	Architectural Design - IX	2	0	10	7	1	ALD 5521	Architectural Design Thesis	0	0	24	12
2	ALE 59xx	Elective Course – II (Studio)	2	0	4	4	2		Open Elective-I	3	0	0	3
3	ALE 59yy	Elective Course – I (Theory)	3	0	0	3	3		Open Elective - II	3	0	0	3
4	ALL 5514	Professional Practice	2	0	0	2	4		Open Elective – III (Optional)	3	0	0	3
5	ALD 5515	Comprehensive Studies	2	0	0	2	5		Open Elective – IV (Optional)	3	0	0	3
6	ALS 5516	Research Seminar	0	3	0	3							
Total Credits						22	Total Credits						18

Total Credits to be earned in order to become eligible for award of B. Arch. (Five Year Full Time) Degree: **200**

For B. Arch. (Honors) **220**

LIST OF PROGRAM ELECTIVES (Theory Based)						
S. No.	Course Code	Course Title	L	T	S	C
1	ALL 5911	Architectural Journalism	2	1	0	3
2	ALL 5912	Art in Architecture	2	1	0	3
3	ALL 5913	Building Automation	2	1	0	3
4	ALL 5914	Building Diseases & Treatment	2	1	0	3
5	ALL 5915	Construction Planning & Management	2	1	0	3
6	ALL 5916	Disaster Mitigation & Management	2	1	0	3
7	ALL 5917	Energy Efficient Buildings	2	1	0	3
8	ALL 5918	Energy Footprint of Built Environment	2	1	0	3
9	ALL 5919	Environmental Management	2	1	0	3
10	ALL 5920	Research Methodology	2	1	0	3
11	ALL 5921	Infrastructure Planning	2	1	0	3
12	ALL 5922	Human Settlements & Town Planning	2	1	0	3

LIST OF PROGRAM ELECTIVES (Studio Based)						
S. No.	Course Code	Course Title	L	T	S	C
1	ALU 5923	Architectural Conservation	2	0	4	4
2	ALU 5924	Building Simulation	2	0	4	4
3	ALU 5925	Building Systems Coordination	2	0	4	4
4	ALU 5926	Ergonomics & Product Design	2	0	4	4
5	ALU 5927	Graphic Design	2	0	4	4
6	ALU 5928	Interior Design	2	0	4	4
7	ALU 5929	Landscape Design	2	0	4	4
8	ALU 5930	Planning & Scheduling with Primavera	2	0	4	4
9	ALU 5931	Structural Design with STADD	2	0	4	4
10	ALU 5932	Transportation & Traffic Design	2	0	4	4
11	ALU 5933	Urban Design	2	0	4	4
12	ALU 5934	Urban Planning	2	0	4	4

NOTE:

Theory & Studio Based Elective Courses shall be offered to the students in view of faculty expertise and resources available at that time subject to minimum 10 students register for a particular elective course. Decision of offering or not offering any particular elective shall be taken by the Head-SoALD.

B. Arch. , Semester - I (Fall), FIRST Year

S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 1511	Architectural Design-I	2			6	8	5	0	6	100	0	100	200
2	ALU 1512	Building Construction & Materials-I	2			4	6	4	2	4	45	30	75	150
3	ALL 1513	Building Structures-I	2	1			3	3	1	2.5	10	40	50	100
4	ALL 1514	History of Architecture-I	2	1			3	3	1	2.5	10	40	50	100
5	ALU 1515	Architectural Drawings-I	2			4	6	4	2	4	45	30	75	150
6	ALU 1516	Basic Design & Visual Arts		2			2	2	1	2.5	20	30	50	100
7	ALP 1517	Model Workshop			4		4	2	—	—	50	—	—	50
		SUB TOTAL	10	4	4	14	32	23			280	170	400	850

B. Arch. , Semester -II (Winter), FIRST Year

S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 1521	Architectural Design-II	2			6	8	5	0	6	100	0	100	200
2	ALU 1522	Building Construction & Materials-II	2			4	6	4	2	4	45	30	75	150
3	ALL 1523	Building Structures-II	2	1			3	3	1	2.5	10	40	50	100
4	ALL 1524	History of Architecture-II	2	1			3	3	1	2.5	10	40	50	100
5	ALU 1525	Architectural Drawings-II	2			4	6	4	2	4	45	30	75	150
6	ALU 1526	Arts & Graphics		2			2	2	2	3	20	30	50	100
7	ALP 1527	Surveying & Levelling	1		2		3	2	1	2.5	30	20	50	100
		SUB TOTAL	11	4		14	31	23			260	190	450	900
	NOTE:	(Major) End Semester Examinations Evaluation (ESE) of Architectural Design shall be carried out by a Jury of Internal & External Examiners (50 Marks for Portfolio Evaluation + 50 Marks for Exam Answer Sheets Evaluation).												
		(Major) End Semester Examinations Evaluation (ESE) of Building Construction & Materials shall be carried out by a Jury of Internal & External Examiners (25 Marks for Portfolio Evaluation + 50 Marks for Exam Answer Sheets Evaluation).												
		S / P Internal Marks shall be awarded on students' work work in the form of Reports / Assignments / Presentations / Seminars, which shall be evaluated by the concerned faculty.												

B. Arch. , Semester -III (Odd/Fall), Second Year

B. Arch. , Semester -III (Odd/Fall), Second Year														
S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 2511	Architectural Design-III	2			6	8	5	0	6	100	0	100	200
2	ALU 2512	Building Construction & Materials-III	2			4	6	4	2	4	45	30	75	150
3	ALL 2513	Building Structures-III	2	1			3	3	1	2.5	10	40	50	100
4	ALL 2514	History of Architecture-III	2	1			3	3	1	2.5	10	40	50	100
5	ALP 2515	Computer Applications in Architecture-I	2		4		6	4	1	2.5	70	30	100	200
6	ALL 2516	Climatology	2				2	2	1	2.5	10	40	50	100
7	ALL 2517	Building Services I	2				2	2	1	2.5	10	40	50	100
		SUB TOTAL	14	2		10	30	23			255	220	475	950

B. Arch. , Semester -IV (Even/Winter), Second Year

B. Arch. , Semester -IV (Even/Winter), Second Year														
S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 2521	Architectural Design-IV	2			6	8	5	0	6	100	0	100	200
2	ALU 222	Building Construction & Materials-IV	2			4	6	4	2	4	45	30	75	150
3	ALL 223	Building Structures-IV	2	1			3	3	1	2.5	10	40	50	100
4	ALL 224	History of Architecture-IV	2	1			3	3	1	2.5	10	40	50	100
5	ALP 225	Computer Applications in Architecture-II	2		4		6	4	1	2.5	70	30	100	200
6	ALL 2526	Theory of Design	2				2	2	1	2.5	10	40	50	100
7	ALL 2527	Building Services-II	2				2	2	1	2.5	10	40	50	100
		SUB TOTAL	14	2		10	30	23			255	220	475	950

B. Arch. , Semester -V (Odd/Fall), Third Year

B. Arch. , Semester -V (Odd/Fall), Third Year														
S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 3511	Architectural Design-V	2			6	8	5	0	6	100	0	100	200
2	ALU 3512	Building Construction & Materials-V	2			4	6	4	2	4	45	30	75	150
3	ALL 3513	Building Structures-V	2	1			3	3	1	2.5	10	40	50	100
4	ALL 3514	Principles of Management	3				3	3	1	2.5	10	40	50	100
5	ALP 3515	Computer Applications in Architecture-III	2		4		6	4	1	2.5	70	30	100	200
6	ALL3516	Lighting and Acoustics	2				2	2	1	2.5	10	40	50	100
7	ALL 3517	Sociology & Economics	2				2	2	1	2.5	10	40	50	100
		SUB TOTAL	15	1		10	30	23			255	220	475	950

B. Arch. , Semester -VI (Even/Winter), Third Year

B. Arch. , Semester -VI (Even/Winter), Third Year														
S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 3521	Architectural Design-VI	2			6	8	5	0	6	100	0	100	200
2	ALU 3522	Building Construction & Materials-VI	2			4	6	4	2	4	45	30	75	150
3	ALL 3523	Building Structures-VI	2	1			3	3	1	2.5	10	40	50	100
4	ALL 3524	Human Values & Ethics	2	1			3	3	1	2.5	10	40	50	100
5	ALU 3525	Working Drawings	2			4	6	4	2	4	50	50	50	150
6	ALL 3526	Environmental Studies	2				2	2	1	2.5	10	40	50	100
7	ALL 3527	Estimation & Costing	2				2	2	1	2.5	10	40	50	100
		SUB TOTAL	14	2		14	30	23			235	240	425	900

B. Arch. , Semester -VII (ODD/Fall), Forth Year

B. Arch. , Semester -VII (ODD/Fall), Forth Year															
			Teaching & Credit Scheme						Evaluation & Examination Scheme						
S.No.	Subject Code	Title of the Subject	L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	Attendance	Minor Marks	ESE Marks	Total Marks	
1	ALT 4511	Professional Training-I	18 Weeks					20	—	—	100	100	300	500	
		SUB TOTAL									100	100	300	500	
	NOTE:	Attendance	As reported by Office Supervisor / Architect (Marks: 100)												
		Minor Marks	As per marks / reports Submitted by Office Supervisor / Architect (Marks: 100)												
		End Semester Examination (ESE)	As per marks Submitted by Office Supervisor / Architect (Marks: 100)												
		Combined Activity	Evaluation of Training Report submitted by Student (Marks: 100)												
			Viva by Training Coordinator & one Internal Examiner (Marks: 100)												

B. Arch. , Semester -VIII (Even/Winter), Forth Year

B. Arch. , Semester -VIII (Even/Winter), Forth Year														
			Teaching & Credit Scheme						Evaluation & Examination Scheme					
S.No.	Subject Code	Title of the Subject	L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 4521	Architectural Design-VIII	2			6	8	5	0	6	100	0	100	200
2	ALU 4522	Advanced Building Materials & Construction Technology	2			4	6	4	2	4	45	30	75	150
3	ALL 4523	Advanced Building Structures	2	1			3	3	1	2.5	10	40	50	100
4	ALL 4524	Green Buildings	3				3	3	1	2.5	10	40	50	100
5	ALU 4525	Landscape Design	2			4	6	4	2	4	50	50	50	150
6	ALC 4526	Dissertation		4			4	4	—	—	50	—	50	100
		SUB TOTAL	11	5		14	30	23			265	160	375	800

B. Arch. , Semester -IX (Odd/Fall), FIFTH Year

B. Arch. , Semester -IX (Odd/Fall), FIFTH Year														
S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALU 5511	Architectural Design - IX	2			12	14	8	0	12	100	0	100	200
2	ALE 59xx	Elective Course - I (Studio Based)	2			4	6	4	2	4	50	50	50	150
3	ALE 59yy	Elective Course - II (Theory Based)	3				3	3	1	2.5	10	40	50	100
4	ALL5512	Professional Practice	3				3	3	1	2.5	10	40	50	100
5	ALD 5513	Architectural Design Synopsis		2			2	2			100			100
6	ALS 5514	Research Seminar		3			3	3			50		50	100
		SUB TOTAL	10	5		16	31	23			320	130	300	750

B. Arch. , Semester -X (Even/Winter), FIFTH Year

B. Arch. , Semester -X (Even/Winter), FIFTH Year														
S.No.	Subject Code	Title of the Subject	Teaching & Credit Scheme						Evaluation & Examination Scheme					
			L	T	P	S	Total Periods	C	Minor Duration (Hours)	ESE Duration (Hours)	S/P Internal Marks	Minor (I+II) Marks	ESE Marks	Total Marks
1	ALD 5521	Architectural Design Project (Thesis)				20	20	10			50	150	200	400
2		Open Elective - I	3				3	3	1	2.5	10	40	50	100
3		Open Elective - II	3				3	3	1	2.5	10	40	50	100
4		Optional Course - I	3				3	3	1	2.5	10	40	50	100
5		Optional Course - II	3				3	3	1	2.5	10	40	50	100
		SUB TOTAL	12	0		20	32	22			90	310	400	800
	NOTE:	Internal Evaluation of Architectural Design Project (Thesis) - Concept Design shall be done by a Jury comprising Thesis Guide and one Internal Examiner.												
		Mid Term Evaluations (Minor) of Architectural Design (Thesis) shall be done by a Jury comprising Thesis Guide, one Internal & one External Examiner.												
		(Major) End Semester Examinations Evaluation (ESE) of Architectural Design (Thesis) shall be done by a Jury comprising Thesis Guide, one Internal & two External Examiners.												