B.Arch
undergraduate degree course

structure of syllabus
(semester wise)

based on AICTE model curriculum

Considering the nature of field of study, program objectives and learning outcomes along with Matrix of Skills required for Possible Categories of Employability, following scheme is proposed.

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0101S	Architectural Design – 1	-	8	8	Studio	12
2	ARC – 0102T	History of Art & Culture	1	2	3	Theory	2
3	ARC - 0103T	Introduction to Principles of Architecture	3	-	3	Theory	3
4	ARC - 0104S	Architectural Drawing – 1	3	4	7	Studio	5
5	ARC - 0105T	Environment & Ecology	2	-	2	Theory	2
6	ARC - 0106S	Communication Skills / Communicative English	1	4	5	Lab	3
7	ARC - 0107L	Universal Human Values	-	-	-	Self-Learning	-
		Total			28		27

NOTE: Inclusion of 3 weeks induction training program in First Semester.

Second Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0201S	Architectural Design – 2	-	8	8	Studio	12
2	ARC - 0202T	History Architecture – 1	1	2	3	Theory	2
3	ARC – 0203S	Building Materials & Construction – 1	1	4	5	Studio	7
4	ARC - 0204S	Architectural Drawing – 2	1	4	5	Studio	3
5	ARC - 0205S	Architectural Sketching & Model-Making	-	4	4	Studio	2
6	ARC - 0206T	Structural Mechanics	1	2	3	Theory	2
7	ARC - 0207L	Personality Development	-	-	-	Self-Learning	-
		Total			28		28

Third Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0301S	Architectural Design – 3	1	6	7	Studio	10
2	ARC - 0302T	History Architecture – 2	2	-	2	Theory	2
3	ARC - 0303S	Building Materials & Construction – 2	1	4	5	Studio	7
4	ARC - 0304S	Computer Applications – 1	-	4	4	Lab	2
5	ARC - 0305T	Structure – 1	1	2	3	Theory	2
6	ARC-0306T	Climatology	1	2	3	Theory	2
7	ARC-0307S	Surveying	1	4	5	Lab	3
	Total				29		28

Note: Compulsory study trip / tour in Architectural Design subject as a part of studio.

Fourth Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC - 0401S	Architectural Design – 4	1	6	7	Studio	10
2	ARC – 0402T	Building Services – 1 (Water Supply & Sanitation)	1	2	3	Theory	2
3	ARC – 0403S	Building Materials & Construction – 3	1	4	5	Studio	7
4	ARC - 0404S	Computer Applications – 2	-	4	4	Lab	2
5	ARC - 0405T	Structure – 2	1	2	3	Theory	2
6	ARC - 0406S	Site Planning	2	2	4	Studio	3
7	ARC - 0407T	Theory of Design	1	2	3	Theory	2
	Total				29		28

Note: Compulsory study trip / tour in Architectural Design subject as a part of studio.

Fifth Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0501S	Architectural Design – 5	1	6	7	Studio	10
2	ARC - 0502T	Building Services – 2 (Electrical Services)	1	2	3	Theory	2
3	ARC – 0503S	Building Materials & Construction – 4	1	4	5	Studio	7
4	ARC -0504S	Computer Applications – 3	-	4	4	Lab	2
5	ARC -0505T	Structure – 3	1	2	3	Theory	2
6	ARC - 0506T	Acoustics	1	2	3	Theory	2
7	ARC - 0507S	Quantity Surveying & Specifications	2	2	4	Studio	3
Total					29		28

Note: Compulsory study trip / tour in Architectural Design subject as a part of studio.

Sixth Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0601S	Architectural Design – 6	1	6	7	Studio	10
2	ARC - 0602T	Building Services – 3 (Mechanical Services)	1	2	3	Theory	2
3	ARC – 0603S	Building Materials & Construction – 5	1	4	5	Studio	7
4	ARC - 0604S	Computer Applications – 4	0	4	4	Lab	2
5	ARC - 0605T	Structure – 4	1	2	3	Theory	2
6	ARC - 0606S	Working Drawing	1	2	3	Studio	2
7	Refer the enlisted Electives	Elective – 1	2	2	4	Theory	3
Total					29		28

Note: Compulsory study trip / tour in Architectural Design subject as a part of studio.

Seventh Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC - 0701S	Architectural Design – 7	1	6	7	Studio	10
2	ARC - 0702T	Building Economics & Sociology	3	0	3	Theory	3
3	ARC - 0703S	Landscape Architecture	2	2	4	Studio	3
4	ARC - 0704S	Interior Design	-	4	4	Studio	2
5	ARC - 0705T	Project Management	3	-	3	Theory	3
6	ARC - 0706T	Introduction to Town Planning	4	-	4	Theory	4
7	Refer the enlisted Electives	Elective – 2	2	2	4	Theory	3
Total					29		28

Note: Compulsory study trip / tour in Architectural De   sign subject as a part of studio.

Eighth Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0801S	Architectural Design – 8	1	6	7	Studio	10
2	ARC - 0802S	Entrepreneurship skills for architects	1	4	5	Studio cum Self-Learning	3
3	ARC - 0803S	Dissertation	1	2	3	Studio	2
4	Refer the enlisted Electives	Elective – 3	2	2	4	Theory	3
5	Refer the enlisted Electives	Elective – 4	3	2	5	Studio	4
6	Refer the enlisted Electives	Elective – 5	3	2	5	4	4
Total					29		26

Note: Compulsory study trip / tour in Architectural Design subject as a part of studio.

Ninth Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -0901S	Professional Training / Internship	-	-	-	Studio	26
Total			-	-	-	-	26

Tenth Semester B. Architecture

S. No.	Subject Code	Subject Name	Instruction Hours		Weekly Contact Hours	Theory, Studio / Lab	Credits
			Lecture	Studio			
1	ARC -1001S	Design Thesis	-	10	10	Studio	15
2	ARC -1002T	Professional Practice	3	-	3	Theory	3
3	Refer the enlisted Electives	Elective – 6	3	2	5	Studio	4
4	Refer the enlisted Electives	Elective – 7	3	2	5	Studio	4
Total					23		26

An induction training program is proposed, before the start of formal classes, to orient the students towards architectural aptitude, education and career and would include the following

Familiarization

The students should be told about different methods of teaching and learning being used in the institute and how it is different as compared to school education or coaching. They should also be shown the laboratories, workshops & other facilities. They should be told about what becoming an architect means and the importance of the role of architect in society, and in nation building

Creative Arts

Every student would choose one skill related to the arts whether visual arts or performing arts. Examples are painting, sculpture, pottery, music, dance etc.

Universal Human Values

Literary

Literary activity would encompass reading, writing and possibly debating, enacting a play etc

Proficiency Modules

This period can be used to overcome some critical lacunas that students might have, for example, English, computer familiarity etc.

Visits to Local Area

A couple of visits to the landmarks of the city,

Lectures by Eminent People

Lectures by eminent people would give the students exposure to people who are socially active or are in public life