Sr. No.	Department of Architecture	
	First Semester	
1	1S-A-1	Basic Design and Visual Arts
2	1S-A-2	Construction Technology And Materials – I
3	1S-A-3	Structural Design And Systems – I
4	1S-A-4	History of Art and Architecture –I
5	1S-A-5	Architectural Graphics –I
6	1S-A-6	Workshop Practice- I
7	1S-A-7	Computer Application(NG)
8	1S-AA-1	Presentation skills
9	1S-AA-2	Numerical Abilities
	Second Semester	
1	2S-A-1	Architectural Design-I
2	2S-A-2	Construction Technology and Materials –II
3	2S-A-3	Structural Design and Systems- II
5	2S-A-4	History of Art and Architecture –II
6	2S-A-5	Architectural Graphics II
7	2S-A-6	Workshop Practice – II
8	2S-AA-1	Elective A - Presentation Skills II
9	2S-AA-2	Elective B -Fundamentals of Drawing Techniques
	Third Semester	
1	3S-A-1	Architectural Design II
2	3S-A-2	Construction Technology And Material – III
3	3S-A-3	Structural Design And System III
4	3S-A-4	History of Art and Architecture-III
5	3S-A-5	Architectural Graphics III
6	3S-A-6	Surveying and Levelling
7	3S-A-7	Climate and Architecture
8	3S-AA-1	Vernacular Architecture (Elective A)
9	3S-AA-2	Architectural Documentation
	Fourth Semester	
1	4S-A-1	Architectural Design II
2	4S-A-2	Construction Technology and Material III
3	4S-A-3	Structural Design and System-IV
4	4S-A-4	Building Services –I
5	4S-A-5	Architectural Graphics IV
6	4S-A-6	Theory of architecture-I
7	4S-A-7	Theory of Landscape Architecture
8	4S-AA-1	Elective A Computer Application
9	4S-AA-2	Elective B Product Design
	Fifth Semester	
1	5S-A-1	Architectural Design-IV
2	5S-A-2	Construction Technology and Materials –V
3	5S-A-3	Structural Design and System-V
4	5S-A-4	Building Services –II
5	5S-A-5	Architectural Graphics-V

6	5S-A-6	Theory of Design-II
7	5S-A-7	Specifications
8	5S-AA-1	Computer Application II Elective A
9	5S-AA-2	Appropriate Technology Elective B
	Sixth Semester	
1	6S-A-1	Architectural Design V
2	6S-A-2	Construction Technology and Materials –VI
3	6S-A-3	Structural Design and Systems- VI
4	6S-A-4	Building Services -II
5	6S-A-5	Architectural Graphics VI
6	6S-A-6	Design of Human and Settlements
7	6S-A-7	Estimating and Costing
8	6S-AA-1	Project Management
9	6S-AA-2	Advanced Spatial Analysis
	Seventh Semester	
1	7S-A-1	Architectural Design-VII
2	7S-A-2	Construction Technology and Materials –VII
3	7S-A-3	Building Services-IV
4	7S-A-4	Structural Design and System-VII
5	7S-A-5	Research Skills and Project Introduction
6	7S-A-6	Acoustics and Illumination
7	7S-AA-1	Interior Design
8	7S-AA-2	Valuation
	Eighth Semester	
1	8S-A-1	Practical Training
	Ninth Semester	
1	9S-A-1	Practical Training
	Tenth Semester	
1	10S-A-1	Project
2	10S-A-2	Construction Technology and Materials – VIII
3	10S-A-3	Professional Practice
4	10S-A-4	Elective- A – Housing

Department of Architecture

The objectives of the Bachelor of Architecture program are translated into a number of learning outcomes. These outcomes are directly related to the profession of architecture, the way in which it is practiced, and the knowledge components necessary for such a practice. The following list of outcomes represents the minimum learning outputs expected and therefore they are not exclusive. Specific exercises and individual and group projects may achieve additional learning outcomes:

1. An ability to conceptualize and coordinate designs, addressing social, cultural, environmental and technological aspects of architecture
2. An ability to recognize the dialectic relationship between people and the built environment
3. An ability to apply and integrate computer technology in design processes and products. An ability to utilize cutting edge building technology in design.
4. An ability to apply visual and verbal communication skills at various stages of architectural design and project delivery processes.
5. An ability to critically analyze building designs and conduct post occupancy evaluation studies.
6. An ability to employ architectural research methods including data collection and analysis to assess and propose improvements in existing built environments.
7. An ability to work collaboratively with teams of architects and various interdisciplinary design teams involved in the building industry.
8. An ability to recognize diversity of needs, values, behavioral norms, social patterns as they relate to the creation of the built environment.

Bachelor of Architecture First Semester	
	Basic Design and Visual Arts (1S-A-1)
1S-A-1.1	To have basic knowledge about historical review of development of fine arts and
1S-A-1.2	Students got to know about basic elements of design and composition out of it which
1S-A-1.3	Students got to know about Principles of Design and its role in architecture through
1S-A-1.4	Students learned about representation of form in a various ways.
1S-A-1.5	Students get comfortable in outdoor free hand sketching of natural and manmade
1S-A-1.6	Students got to know about detailed knowledge of artists colour theory.
	Construction technology and materials – I(1S-A-2)
1S-A-2.1	Students got to know about various elements of building from foundation to roof. And also learned about basic building materials such as stone, wood, concrete, steel etc.
1S-A-2.2	Students got to know about basic about “construction” as a subject and its relevance to architectural design. E.g.-concept of span , etc
1S-A-2.3	Students understood the basic construction principles with respect to structural stability and its applications/ extensions /manifestations in terms structural

1S-A-2.4	Students got the knowledge about general conditions at site level such as site topography, climatic conditions and soil conditions and its implications on construction techniques, building materials, building elements, construction
1S-A-2.5	Students got to know about basic structural systems such as load bearing and frame structure through drafting exercise of it.
	Structural design and systems – I (1S-A-3)
1S-A-3.1	Students got to know types of coplanar and non- coplanar forces.
1S-A-3.2	Students understood about co-planer forces – resolution and resultants – lami's
1S-A-3.3	Students understood about equilibrium of 2d elements: basic principles, condition of
1S-A-3.4	Students understood about equilibrium of 3d elements, understanding of basic principles of resolution and equilibrium of 3d force system no
1S-A-3.5	Students learned about types of structural supports and support reactions, theoretical and practical study of reactions of simple support, hinge support, roller support
1S-A-3.6	Students learned about static friction: basic principles: application for elements on horizontal plane, inclined planes and ladders.
1S-A-3.7	Students understood the properties of plane sections A) centre of gravity B) Moment of inertia (second moment of area) – section modulus, radius of gyration, polar moment of inertia.
1S-A-3.8	Students learned application for C) Perfect frames (method of joints, method of sections and graphical methods.) D) simply supported beams – analytical and graphical E) weight less cables / strings
	History of Art and Architecture –I (1S-A-4)
1S-A-4.1	Students learned basic about Art, Culture, Society, Civilization and Architecture.
1S-A-4.2	Earlier attempts of man for shelter during the prehistoric period
1S-A-4.3	Students learned about Indian Art and Architecture.
1S-A-4.4	Students learned about Western Art and Architecture.
1S-A-4.5	Students got to know the Elements of Art and Principles of Design studied from
	Architectural Graphics –I (1S-A-5)
1S-A-5.1	Students learned basic understanding in object drawing, light and shade of simple, natural and geometric forms. Outdoor sketches of simple bldg. forms.
1S-A-5.2	Basic understanding of an Architectural symbols like trees, hedges, foliage, human figure in different postures, vehicles, furniture etc. their integration to
1S-A-5.3	Students learned scales, their use in practice and construction of Plain and Diagonal
	Workshop Practice- I (1S-A-6)
1S-A-6.1	Students got knowledge about various basic tools used for carpentry joinery and

1S-A-6.2	Students got to know workshop rules, safety norms and care in handling various
1S-A-6.3	Students got to know basic understanding of wooden joints, evolution of joints, needs
1S-A-6.4	Students got knowledge of various building materials and their tools used for cutting, joining and extension. Handling materials like wood, marble, steel, MS,
1S-A-6.5	Students understood about nailing, screwing, riveting and their various conditions
	Computer Application(NG) (1S-A-7)
1S-A-7.1	Students got to know about various basic software used in a 5 year architecture
	Presentation Skills (ELE A) (1S-AA-1)
1S-AA-1.1	To develop the presentation of the submissions through software like Microsoft
	Numerical Abilities (ELE B) (1S-AA-2)
1S-AA-2.1	After successful completion of course students built their mathematical knowledge
Bachelor of Architecture Second Semester	
	Architectural Design-I (2S-A-1)
2S-A-1.1	Students understood about anthropometry in that they studied human dimensions, concept of percentile in Indian standards, space required for various simple
2S-A-1.2	Students understood about form and space : Volumes, enclosure of space, semi enclosed spaces, defining space by elements, light as a factor of shape, color, texture and form, view, visual relationship. Properties of forms and their impact
2S-A-1.3	Students understood about elements of built form through some exercise of making
2S-A-1.4	Students understood about principles of design : Through exercises spatial organization, symbiosis of form and function concept generation convergent
2S-A-1.5	Students understood about furniture and facilitation placement.
2S-A-1.6	Students understood about integration of climatic factors in design.
	Construction Technology and Materials –II (2S-A-2)
2S-A-2.1	Students got to know about understanding of basic building materials, such as brick, stone, cement, lime, concrete, glass with respect to classification, composition
2S-A-2.2	Students got to know about different type of masonry
2S-A-2.3	Students studied about lintel and arches.
2S-A-2.4	Students studied about basic types of joints and its applications in various building elements such as timber doors, windows and timber roofs.

	Structural Design and Systems- II (2S-A-3)
2S-A-3.1	Students understood about stability of masonry structural elements
2S-A-3.2	Students understood about simple stresses and strains : concept and application Relationship.
2S-A-3.3	Students understood about thermal stresses and strains: simple and composite
2S-A-3.4	Students understood about elastic constants: definitions, Poisson's ratio, bulk
2S-A-3.5	Students understood about bending stresses – circular bending: concept and
2S-A-3.6	Students understood about Torsional stresses concept and application
	History of Art and Architecture –II (2S-A-4)
2S-A-4.1	Students got to know Progression of art and architecture of the River valley
2S-A-4.2	Students understood about Study of visual art principles, scale and proportions of
2S-A-4.3	Students got to know Role of culture and art on architecture in Indian context
	Architectural Graphics II (2S-A-5)
2S-A-5.1	Students understood orthographic projections in detail through exercises
2S-A-5.2	Students understood complex projections in detail through exercises
2S-A-5.3	Development of drafting skills for architectural drawings.
	Workshop Practice – II (2S-A-6)
2S-A-6	Developing understanding of various material and efficiency in technique in students.
	Elective A - Presentation Skills – II (2S-AA-1)
2S-AA-1.1	Development of communication and public speaking skills in students.
	Elective B -Fundamentals of Drawing Techniques (2S-AA-2)
2S-AA-2.1	Students got to know about correct drawing techniques and its fundamentals through
Bachelor of Architecture Third Semester	
	Architectural Design – II (3S-A-1)
3S-A-1.1	To understand Complexity in circulation- and pattern of horizontals as well as
3S-A-1.2	To understand Integration in terms of facilitation, planform, volume, concept and
3S-A-1.3	To know the Application of basic building materials to evolve a design with their aesthetic appeal, functional quality and elementary structural concepts to
3S-A-1.4	To understand Climatic consideration for the design, orientation of building on site, simple concepts of sun shading devices, their application in elevations

	Construction Technology And Material – III (3S-A-2)
3S-A-2.1	To understand about the use of materials i.e Tiles, Steel, Aggregate,
3S-A-2.2	To know Concept of vertical connector – Study of staircases.
3S-A-2.3	To understand the Concept of spanning and its extension in formation of roofs
3S-A-2.4	To understand Principle of framed structure: R.C.C. as a building material and all
	Structural Design And System III (3S-A-3)
3S-A-3.1	To understand stress strain curve for concrete and steel.
3S-A-3.2	To know Euler's and Rankin's theory and its concept and applications.
3S-A-3.3	To understand concept and applications of direct and bending stress.
3S-A-3.4	To draw shear force and bending moment diagram of simply supported beam,
3S-A-3.5	To understand stress at base, minimum base width of retaining wall.
3S-A-3.6	To know principle stresses and strains, applications of Mohr's circle, study of
	History of Art and Architecture-III (3S-A-4)
3S-A-4.1	The student shall be able to understand the Islamic Architecture and Architectural
3S-A-4.2	The student shall be able to understand the Islamic Architecture of Provinces
3S-A-4.3	The student shall be able to understand about Architecture under Mughals -
3S-A-4.4	The student shall be able to learn about the Contemporary Architecture
3S-A-4.5	The student shall be able to understand the city planning of Chandigarh, Delhi
3S-A-4.6	The student shall be able to understand various schools of thoughts and
3S-A-4.7	The student shall be able to understand Industrial revolution in Europe
	Architectural Graphics III (3S-A-5)
3S-A-5.1	To understand the Perception and registration of an object when viewed.
3S-A-5.2	To know the Types perspective views such as one point, two point, three point,
3S-A-5.3	To know how to draw the Measured Drawing and Measurement techniques of existing object (such as building, plot, etc.) Chain survey, methods and
3S-A-5.4	To understand Levelling, methods of levelling -dumpy level and its uses. Contour
	Surveying and Levelling (3S-A-6)
3S-A-6.1	To surveying and levelling, types of surveying methods and application.
3S-A-6.2	To know how to use survey instruments for Chain survey, methods and compass

3S-A-6.3	To understand how to do Plane table survey, method and instruments used, Levelling, methods of levelling -dumpy level and its uses, contour
	Climate and Architecture (3S-A-7)
3S-A-7.1	The student shall be able to learn Study of traditional / vernacular architecture
3S-A-7.2	The student shall be able to understand the climate data, its analysis and method
3S-A-7.3	The student shall be able to learn the passive cooling techniques, techniques of
3S-A-7.4	The student shall be able to understand effect of orientation, topography, vegetation, form, building materials and surfaces on the building design
3S-A-7.5	The student shall be able to learn Approach to climate responsive built
	Vernacular Architecture (ELE A) (3S-AA-1)
3S-AA-1.1	Students got to know about various styles of veracular architecture among the
	Architectural Documentation (3S-AA-2)
3S-AA-2.1	To know how to document an as built structures and make presentation drawings
Bachelor of Architecture Fourth Semester	
	Architectural Design II (4S-A-1)
4S-A-1.1	To understand Complexity in circulation- and pattern of horizontals as well as
4S-A-1.2	To understand Integration in terms of facilitation, planform, volume, concept and
4S-A-1.3	To know the Application of basic building materials to evolve a design with their aesthetic appeal, functional quality and elementary structural concepts to
4S-A-1.4	To understand Climatic consideration for the design, orientation of building on site, simple concepts of sun shading devices, their application in elevations
	Construction Technology And Material - III (4S-A-2)
4S-A-2.1	To understand about the use of materials i.e. Metals: Aluminium, copper, steel,
4S-A-2.2	To know about the types of Doors Windows – Steel, aluminium and sliding doors, sliding and folding doors, revolving doors, revolving shutters,
4S-A-2.3	To understand and design different types of Partitions – Aluminium, timber,
4S-A-2.4	To know and understand how Timbering to trenches, formwork, centering, shoring and underpinning. Is done with Temporary Structures and
	Structural Design and System-IV (4S-A-3)
4S-A-3.1	Analysis and draw bending moment and shear force diagrams for fixed beam

4S-A-3.2	Apply the concept of three moment theorem for analysis and to drawing bending moment and shear force diagrams for continuous beam under different
4S-A-3.3	Apply the concept of moment distribution for analysis and to drawing bending moment and shear force diagrams for continuous beam and portal frame
4S-A-3.4	Apply the Macaulay's method for determination of deflection for simply
4S-A-3.5	Have the knowledge about determinate and indeterminate structure.
4S-A-3.6	Have the knowledge about the arches and apply the knowledge to analysis the
4S-A-3.7	Have the knowledge about loading conditions and unit weights of various
4S-A-3.8	Have the concept of load distribution system in suspension cable system, one-
	Building Services – I (4S-A-4)
4S-A-4.1	The students will know about importance, installation and working of essential services in buildings, and a way building services help in generating a cleaner and healthier built environment. The students should also be made familiar with I.S. codes related to services. To understand the basic aspects of water supply, sewage disposal, refuse and storm water disposal in buildings.
	Architectural Graphics IV (4S-A-5)
4S-A-5.1	To understand the effect of combination of shades and shadows using Complex problems on-buildings, building projections, louvers, chajjas, canopies
4S-A-5.2	To know the effect of shades and shadows cast by artificial light on built forms.
4S-A-5.3	To know how to make Perspective of interior of buildings rendered suitably
4S-A-5.4	To know how to make Bird's eye view showing a building or any object with
	Theory of Architecture-I (4S-A-6)
4S-A-6.1	To understand the definition of Architecture; Elements of Architecture backed by
4S-A-6.2	To know about Architectural Design and the Integration of aesthetic and
4S-A-6.3	To know about Mass and space, Visual and emotional effects of geometric forms
4S-A-6.4	To know about Aesthetic Components of Design
4S-A-6.5	To know about effect in of colour architecture
	Theory of Architecture-I (4S-A-6)
4S-A-6.1	To understand the definition of Architecture; Elements of Architecture backed by
	Theory of Landscape Architecture (4S-A-7)
4S-A-7.1	Through this subject the students shall be aware of architecture beyond buildings, in the outdoor environment and spaces, and, the role and importance

	environs, functionally and aesthetically
	Elective A Computer Application I (4S-AA-1)
4S-AA-1.1	The student shall be able to understand Auto cad 2D Implementation .
	Elective B Product Design (4S-AA-2)
4S-AA-2.1	Through this subject the students shall be aware of architecture beyond buildings, in the outdoor environment and spaces, and, the role and importance of landscaping and site planning in enhancing and improving the quality of building environs, functionally and aesthetically
Bachelor of Architecture Fifth Semester	
	Architectural Design-IV (5S-A-1)
5S-A-1.1	The student shall be able to understand the Effect of sun, rain and wind on
5S-A-1.2	The student shall be able to understand the Functional organization of activities
5S-A-1.3	The student shall be able to learn about the Development control rules, building
5S-A-1.4	The student shall be able to learn about the Functioning of building services like
5S-A-1.5	The student shall be able to learn about the Form to suit the purpose of
	Construction Technology and Materials –V (5S-A-2)
5S-A-2.1	The student shall be able to understand the Cement, paints, various types of
5S-A-2.2	The student shall be able to understand the Plasters and finishes. .
5S-A-2.3	The student shall be able to learn about the Expansion Joints, Water-Proofing,
5S-A-2.4	The student shall be able to learn about the False Ceiling, Suspended ceilings,
5S-A-2.5	The student shall be able to understand the Foundations, footings and all advanced foundations.
	Structural Design and System-V (5S-A-3)
5S-A-3.1	The student would be able to apply knowledge of Design component of Building
5S-A-3.2	The student would be able to apply Design of Beam using Various component of
5S-A-3.3	The student would be able to apply knowledge of IS code for various Component
5S-A-3.4	The student would be able to apply the concept of T and L Beam using various
5S-A-3.5	The student would be able to apply knowledge to analyze concept of Beam for
5S-A-3.6	The student would be able to apply knowledge to Design component.
	Building Services –II (5S-A-4)
5S-A-4.1	The student shall be able to understand the Electrical services, various

	systems detailed layout of electrical services in a residence.
5S-A-4.2	The student shall be able to understand the Schematic water distribution system
5S-A-4.3	The student shall be able to learn about the Hot water supply in high-rise buildings, boilers, furnaces, solar water heaters, computing a special demands of water for swimming pools, air conditioning plants, fire fighting, street
5S-A-4.4	The student shall be able to learn about the sewage collection and disposal for
5S-A-4.5	The student shall be able to understand the Rain water harvesting.
	Architectural Graphics-V (5S-A-5)
5S-A-5.1	The student shall be able to learn Submission drawing as per the local building
5S-A-5.2	The student shall be able to understand the Working drawings required for
5S-A-5.3	The student shall be able to learn the graphics of the drawings will be with specific reference to the code of practice for Architectural and
	Theory of Design-II (5S-A-6)
5S-A-6.1	The student shall be able to understand Organization of Forms and Spaces a) Spacial relationships b) Spacial Organization c) Articulation of Forms and
5S-A-6.2	The student shall be able to understand the Character and Style in Building
5S-A-6.3	The student shall be able to learn about the Principles of Composition
5S-A-6.4	The student shall be able to learn about the Harmony and specific qualities of
5S-A-6.5	The student shall be able to Study of circulation pattern
	Specifications (5S-A-7)
5S-A-7.1	The student shall be able to understand importance of specifications building construction activity.
5S-A-7.2	The student shall be able to understand Specifications of basic building materials such as bricks, stones, aggregate, cement,
5S-A-7.3	The student shall be able to learn about the Specifications of works for a
5S-A-7.4	The student shall be able to learn about the Specifications for items of services
5S-A-7.5	The student shall be able to study Specifications for demolition-work, temporary
	Computer Application II Elective A (5S-AA-1)
5S-AA-1.1	The student shall be able to understand AutoCAD 2D Implementation.
5S-AA-1.2	The student shall be able to understand AutoCAD 3D
5S-AA-1.3	The student shall be able to learn 3D model.

	Appropriate Technology Elective B (5S-AA-2)
5S-AA-2.1	The student shall be able to understand the concept of appropriate technology,
5S-AA-2.2	The student shall be able to understand. Study of soil and its composition and
5S-AA-2.3	The student shall be able to learn about the Specifications of works for a
5S-AA-2.4	The student shall be able to learn about Wattle and daub walls, Rammed earth
5S-AA-2.5	The student shall be able to study. Walls, vaults, Domes using soil cement blocks,
5S-AA-2.6	The student shall be able to understand Use of bamboo as building material
5S-AA-2.7	The student shall be able to understand Burnt clay tile roofing, Ferro cement
	Bachelor of Architecture Sixth Semester
	Architectural Design V (6S-A-1)
6S-A-1.2	The student shall be able to understand the Functional organization of activities
6S-A-1.3	The student shall be able to learn about the Development control rules, building
6S-A-1.4	The student shall be able to learn about the Functioning of building services like
6S-A-1.5	The student shall be able to learn about the Form to suit the purpose of
	Construction Technology and Materials –VI (6S-A-2)
6S-A-2.1	The student shall be able to understand the Cladding Materials
6S-A-2.2	The student shall be able to understand Bamboo, mud, Ferro-cement, vault
6S-A-2.3	The student shall be able to learn High rise construction
6S-A-2.4	The student shall be able to learn Advanced R.C.C. Structures
	Structural Design and Systems- VI (6S-A-3)
6S-A-3.1	The students would have the knowledge of the earthquake resistant structure.
6S-A-3.2	The students would be able to design the one way slab, two way slab and continuous slab.
6S-A-3.3	The students would be able to understand the design of different types of
6S-A-3.4	The students would be able to design the independent column footing.
6S-A-3.5	The students can apply the knowledge to design the RCC Grid Structure.
6S-A-3.6	The students would have the knowledge of the RCC building frame and its
6S-A-3.7	The students would be able to design the RCC section of retaining wall by
6S-A-3.8	The students would be able to understand the structural behavior of large span

	Building Services -II (6S-A-4)
6S-A-4.1	The student shall be able to understand the Communication systems in
6S-A-4.2	The student shall be able to understand the building automation systems, components and application of
6S-A-4.3	The student shall be able to learn about the Causes of fire in buildings, Fire safety
6S-A-4.4	The student shall be able to learn Fire fighting regulations with reference to
6S-A-4.5	The student shall be able to learn about of Fire detection systems
6S-A-4.6	The student shall be able to learn Ventilation of buildings
	Architectural Graphics VI (6S-A-5)
5S-A-5.1	The student shall be able to learn Submission drawing as per the local building
5S-A-5.2	The student shall be able to understand the Working drawings required for
5S-A-5.3	The student shall be able to learn the graphics of the drawings will be with specific reference to the code of practice for Architectural and
	Design of Humanities and Settlement (6S-A-6)
6S-A-6.1	The study aims at introducing students to the development of planning thought from that of historic to present age. It also gives emphasis on stressing broad principles of settlement in such period. The study of this subject continues with emphasis on planning philosophies and the student to carry out the further studies in the specialized field of Urban Planning
	Estimating and Costing (6S-A-7)
6S-A-7.1	The student shall be able to understand the Purpose of Estimating, types of
6S-A-7.2	The student shall be able to understand the Bill of quantities for single story
6S-A-7.3	The student shall be able to study about the IS-l200.
6S-A-7.5	The student shall be able to learn Estimation of quantities for R.C.C. structural
6S-A-7.6	The student shall be able to learn Estimation for electrification, water supply and
6S-A-7.7	The student shall be able to learn rate analysis.
6S-A-7.8	The student shall be able to learn brief specifications and schedule of rates.
	Project Management (6S-AA-1)
6S-AA-1.1	Students shall be able to understand the need of project management in architecture professional practices.
6S-AA-1.2	Students shall be able to work out the project planning, scheduling and implementation management.

	Advanced Spatial Analysis (6S-AA-2)
6S-AA-2.1	Students shall be able to understand the spatial grid and density of activity spaces
6S-AA-2.2	Students hall be able to analyse the requirements of development through surveys
Bachelor of Architecture Seventh Semester	
	Architectural Design-VII (7S-A-1)
7S-A-1.1	The student shall be able to understand the Design orientation of advance and specialized buildings and environmental services, climate and acoustical system oriented buildings, their appropriate structural
7S-A-1.2	The student shall be able to understand the Orientation on development control
7S-A-1.3	The student shall be able to learn about the study of urban environment, complex building forms, their design including positive and negative space
	Construction Technology and Materials –VII (7S-A-2)
7S-A-2.1	The student shall be able to understand the space structures, types of space
7S-A-2.2	The student shall be able to understand the Grid structures and Skeletal structures,
7S-A-2.3	The student shall be able to learn about the Pre-cast concrete, Design
7S-A-2.4	The student shall be able to learn about the methods of pre-stressing, advantages
7S-A-2.5	The student shall be able to understand the Temporary structures design and
7S-A-2.6	The student shall be able to understand the various external cladding materials
	Building Services-IV (7S-A-3)
7S-A-3.1	The student shall be able to understand the Principles of Psychometrics and heat
7S-A-3.2	The student shall be able to understand the Components of A.C. systems. Calculation of A.C. loads and Air distribution systems, ducts and ducting
7S-A-3.3	The student shall be able to learn about the Electric supply and distribution for
7S-A-3.4	The student shall be able to learn about the Importance and functions of bus bar, set up, step up and step down transformers, electrical substation,
7S-A-3.5	The student shall be able to understand the Electromechanical means of vertical
7S-A-3.6	The student shall be able to understand the Escalators and Trav-o-lators

	Structural Design and System-VII (7S-A-4)
7S-A-4.1	To know about the steel connections, types of welds, concentric section, eccentric
7S-A-4.2	To have complete knowledge about IS 800-2007 Design considerations.
7S-A-4.3	To understand the Design of Tension members.
7S-A-4.4	To understand the Design of Compression members like Struts or Independent.
7S-A-4.5	To know about the Design in columns
7S-A-4.6	To know about the Design of section in bending
7S-A-4.7	To know about the Design of section subjected to biaxial bending
7S-A-4.8	To study and understand about the structural behaviours of types of large span steel structure like arches, open web section, bow string girders,
	Research Skills and Project Introduction (7S-A-5)
7S-A-5.1	The student shall be able to learn about the investigation to be done in research,
7S-A-5.2	The student shall be able to understand the Assessment of data to be used in
7S-A-5.3	The student shall be able to learn the Data collection
7S-A-5.4	The student shall be able to understand the Concluding part of research
	Acoustics and Illumination (7S-A-6)
7S-A-6.1	The student shall be able to understand about the sounds.
7S-A-6.2	The student shall be able to understand the Components of A.C. systems. Calculation of A.C. loads and Air distribution systems, ducts and ducting layouts, space requirement, Water demand for A.C
7S-A-6.3	The student shall be able to learn about the Electric supply and distribution for
7S-A-6.4	The student shall be able to learn about the Importance and functions of bus bar, set up, step up and step down transformers, electrical substation,
7S-A-6.5	The student shall be able to understand the Electromechanical means of vertical
7S-A-6.6	The student shall be able to understand the Escalators and Trav-o-lators.
	Interior Design (7S-AA-1)
7S-AA-1.1	To how to make presentation drawings, working drawings details and 3d views of various interior projects ranging from industrial to commercial to
7S-AA-1.2	An understanding of interior design as an interdisciplinary as well as allied field
	Valuation (7S-AA-2)
7S-AA-2.1	To understand the Different methods of valuation for land and building Application of valuation and consideration of valuables in Town
7S-AA-2.2	To know the Application of valuation, tables Valuation

Bachelor of Architecture Eighth Semester	
	Practical Training (8S-A-1)
8S-A-1.1	To receive hands on Office experience in respect of preparation of working drawing, detailing drawings of perspective, preparation of architectural models, study of filing systems of documents, drawings, ammonia prints and preparation of tender document. To have on Site experience, in respect of supervision of the construction activity, Observation, layout on site, study of the staking methods of various building, materials, taking the measurement and recording.
Bachelor of Architecture Ninth Semester	
	Practical Training (9S-A-1)
9S-A-1.1	To receive hands on Office experience in respect of preparation of working drawing, detailing drawings of perspective, preparation of architectural models, study of filing systems of documents, drawings, ammonia prints and preparation of tender document. To have on Site experience, in respect of supervision of the construction activity, Observation, layout on site, study of the staking methods of various building, materials, taking the measurement and recording.
Bachelor of Architecture Tenth Semester	
	Practical Training (10S-A-1)
10S-A-1	To design a research project based on the synthesis of total experience and knowledge gained from the core and allied subjects with an effective
	Construction Technology and Materials - VIII (10S-A-2)
10S-A-2	To understand the advanced construction Techniques for long span structure by using various materials. Students shall be able to understand the design and construction requirements
	Professional Practice (10S-A-3)
10S-A-3.1	Students shall be able to understand the process of contract and tender bidding.
10S-A-3.2	Students shall be able to understand the legislation pertaining to arbitration,
	Elective – A – Housing (10S-AA-1)
10S-AA-1.1	To know about the housing programmes/Schemes by Government of India.
10S-AA-1.2	To know about the status of housing in India and housing mission.