

COURSE OUTCOME
FOR
Bachelor of Architecture

COURSE OUTCOME

BACHELOR OF ARCHITECTURE

FIRST YEAR

Subject Name		ARCH.DESIGN
Course Code		BARC 101
CO Code	CO	Course Outcomes
CO101.1	CO1	To observe the activities of human body in space and identify their relationship with space.
CO101.2	CO2	To understand scale and proportions.
CO101.3	CO3	To develop a language vocabulary and visualization.
CO101.4	CO4	To Analyse and discuss architects work, buildings and practices.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO101.1	3	2	3	1	0	0	0	0	1	0
CO101.2	3	3	3	1	0	0	0	0	1	0
CO101.3	2	3	2	2	0	0	0	0	1	0
CO101.4	2	3	3	2	0	0	1	0	1	0
	2.50	2.75	2.75	1.50	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		ALLIED DESIGN
Course Code		BARC 102
CO Code	CO	Course Outcomes
CO102.1	CO1	To identify creativity via understanding of principles of design.
CO102.2	CO2	Interpret and understand the creative imagination skills
CO102.3	CO3	To Articulate and develop the skills of presentation.
CO102.4	CO4	To Create, visualize, and design their own design.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO102.1	3	2	3	2	3	0	3	3	1	0
CO102.2	3	3	1	2	3	0	3	1	1	0
CO102.3	2	3	1	2	2	0	3	3	1	0
CO102.4	2	3	1	2	2	0	0	3	1	0
CO102.5										
	2.50	2.75	1.50	2.00	2.50	0.00	3.00	2.50	1.00	0.00

Subject Name		A.B.C.M
Course Code		BARC 103
CO Code	CO	Course Outcomes
CO103.1	CO1	To be able to identify the concepts of substructure, superstructure, structure (load bearing/framed structures) types and paradigms.
CO103.2	CO2	To be able to classify drawing methods and conventions in structural engineering.
CO103.3	CO3	To be able to differentiate between different types of joinery and joints in masonry wall construction.
CO103.4	CO4	To be able to compare different types of natural and man-made materials based on their properties.
CO103.5	CO5	To be able to select building materials and construction techniques based on the relevance of the situation in an architectural design project.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO103.1	3	1	3	3	0	0	1	0	1	0
CO103.2	3	1	3	3	0	0	1	0	1	0
CO103.3	3	1	3	3	0	0	1	0	1	0
CO103.4	3	2	3	3	0	0	1	0	1	0
CO103.5	3	2	3	3	2	2	2	0	1	0

Subject Name		TOS
Course Code		BARC 104
CO Code	CO	Course Outcomes
CO104.1	CO1	Developing an intuitive understanding of the relevant rules of physics in the context of structural behaviour.
CO104.2	CO2	To gain a thorough understanding of how construction techniques and materials interact to resist the forces of gravity, enabling students to explain the underlying principles and mechanisms.
CO104.3	CO3	Gaining a basic understanding of the process of structural design for simple and complex structural systems.
CO104.4	CO4	Understanding the unique roles of architects and structural designers in the process of architectural design and construction.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO104.1	3	0	2	2	1	1	1	2	0	0
CO104.2	3	1	2	2	1	1	1	1	0	0
CO104.3	3	2	2	2	1	1	2	1	0	0
CO104.4	3	2	1	2	2	3	1	2	0	0
	3.00	1.67	1.75	2.00	1.25	1.50	1.25	1.50	0.00	0.00

Subject Name		HUMANITIES
Course Code		BARC 105
CO Code	CO	Course Outcomes
CO105.1	CO1	To recall learnings of previous semester and apply to understanding of development of art, culture, and aesthetics (Knowledge/Remember)
CO105.2	CO2	To extend students' learnings to formation of societies, beginnings and development of art and culture (through readings/movies/images etc)
CO105.3	CO3	To examine meaning of culture and, examine and record various cultural developments through prehistoric times (documentations)
CO105.4	CO4	To compare and analyse various civilizations, that developed along major world rivers and identify distinguishing characteristics of each; To assess formulation of first religions of the Indian subcontinents (demonstrating understanding through PowerPoint presentation)

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO105.1	3	3	2	2	0	0	1	0	0	0
CO105.2	3	3	2	2	0	0	0	0	0	0
CO105.3	3	3	2	2	0	0	1	0	0	0
CO105.4	3	3	3	2	0	0	1	0	0	0
	3.00	3.00	2.25	2.00	0.00	0.00	1.00	0.00	0.00	0.00

Subject Name		E.V.S
Course Code		BARC 106
CO Code	CO	Course Outcomes
CO106.1	CO1	To recall the knowledge acquired in their previous learnings about environment, ecology, and ecosystems, to understand and analyse.
CO106.2	CO2	To sensitize and express the role of Natural resources Forest resources, Water resources, Mineral resources, Food resources, Energy resources, Land resources.
CO106.3	CO3	To Analyse and discuss the relationship and co-existence of Built & Natural Environments through case studies.
CO106.4	CO4	To Analyse and discuss Building Types and lifestyles in different geographic zones and climatic zones.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO106.1	3	3	1	2	0	1	0	1	1	0
CO106.2	3	3	1	2	0	1	0	1	1	0
CO106.3	2	3	1	2	2	3	0	3	1	0
CO106.4	2	3	1	2	2	3	0	3	1	0
	2.50	3.00	1.00	2.00	2.00	2.00	0.00	2.00	1.00	0.00

Subject Name		ARD
Course Code		BARC 107
CO Code	CO	Course Outcomes
CO107.1	CO1	To familiarize students with various drawing instruments, pencils, and studio work culture, enabling them to use these tools effectively for graphic representation and creative expression. (Knowledge/Skill Development)
CO107.2	CO2	To provide students with a strong foundation in plane and solid geometry, enabling them to create accurate orthographic projections of objects and architectural elements, such as plans, sections, and elevations. (Knowledge/Skill Development)
CO107.3	CO3	To encourage students to develop their freehand drawing skills and stimulate their creativity. This objective emphasizes the importance of drawing from memory and imagination, fostering artistic expression. (Understanding / Analyse)
CO107.4	CO4	To equip students with practical workshop skills, including cutting, joining, and shaping various materials. This objective is aimed at enabling students to bring their creative ideas to life through hands-on fabrication and assembly. (Knowledge/Skill Development)

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO107.1	3	2	2	1	0	0	0	0	0	0
CO107.2	3	1	2	2	0	0	0	0	0	0
CO107.3	3	1	3	2	0	0	0	0	0	0
CO107.4	3	3	2	1	1	0	0	0	0	0
	3.00	1.75	2.25	1.50	1.00	0.00	0.00	0.00	0.00	0.00

Subject Name		COLLEGE PROJECT
Course Code		BARC 120
CO Code	CO	Course Outcomes
CO120.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO120.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey
CO120.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO120.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO120.1	3	2	0	0	2	2	0	0	0	0
CO120.2	3	0	0	2	1	2	0	0	0	0
CO120.3	3	0	0	1	3	1	0	0	0	0
CO120.4	3	3	3	1	3	2	1	1	0	0
	3.00	2.50	3.00	1.33	2.25	1.75	1.00	1.00	0.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 121
CO Code	CO	Course Outcomes
CO121.1	CO1	Learn to Visualize all objects properly in all three dimensions
CO121.2	CO2	Learn the art of representation in different scales through group work
CO121.3	CO3	Learn different mediums and material of representation in 3D- Model making of Basic objects, in various shapes and sizes
CO121.4	CO4	Basic Model Making as team building exercise

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO121.1	3	0	2	0	2	0	2	0	0	0
CO121.2	3	0	2	0	3	1	2	0	0	0
CO121.3	3	0	2	0	3	0	2	0	0	0
CO121.4	2	3	1	0	2	0	0	0	0	0
CO121.5										
	2.75	3.00	1.75	0.00	2.50	1.00	2.00	0.00	0.00	0.00

Subject Name		ARCH.DESIGN
Course Code		BARC 201
CO Code	CO	Course Outcomes
CO201.1	CO1	To understand inter-relationship between Object and context
CO201.2	CO2	To observe and correlate architecture as an environment.
CO201.3	CO3	To represent architectural insertions, Documentation, site visits, documentation through text, photography, drawings, computers
CO201.4	CO4	To create space for small groups and minor activities with reference to climate, site conditions, and user requirements.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO201.1	2	1	3	1	0	0	0	0	1	0
CO201.2	3	2	3	2	0	0	0	0	1	0
CO201.3	2	3	3	2	0	0	0	0	1	0
CO201.4	2	2	1	0	1	0	0	3	1	0
	2.25	2.00	2.50	1.67	1.00	0.00	0.00	3.00	1.00	0.00

Subject Name		ALLIED DESIGN
Course Code		BARC 202
CO Code	CO	Course Outcomes
CO202.1	CO1	To identify and recognize the human anthropometry and human behaviour.
CO202.2	CO2	Establish and justify the quantitative and qualitative value of a space.
CO202.3	CO3	Evaluate and assess a given spatial situation and derived inferences.
CO202.4	CO4	Graphically represent attributes of a space and Synthesis a design

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO202.1	3	2	3	2	0	3	3	3	1	0
CO202.2	3	3	1	2	3	0	3	1	1	0
CO202.3	2	3	1	2	2	0	3	3	1	0
CO202.4	2	3	1	2	2	0	2	3	1	0
	2.50	2.75	1.50	2.00	2.33	3.00	2.75	2.50	1.00	0.00

Subject Name		A.B.C.M
Course Code		BARC 203
CO Code	CO	Course Outcomes
CO203.1	CO1	Students should be able to identify elements of shallow foundations and be able to decide foundations for specific conditions.
CO203.2	CO2	Students must be able to prioritize wall systems. External or internal partition walls for specific conditions.
CO203.3	CO3	Students should be able to Assemble and design arch types to specific conditions for doors, windows, and roof systems.
CO203.4	CO4	Students must be able to analyse the quality of specific materials.
CO203.5	CO5	Students must be able to calculate the amounts of specific materials.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO203.1	3	1	3	3	0	0	1	0	1	0
CO203.2	3	1	3	3	0	0	1	0	1	0
CO203.3	3	1	3	3	0	0	1	0	1	0
CO203.4	3	2	3	3	0	0	1	0	1	0
CO203.5	3	2	3	3	2	2	2	0	1	0
	3.00	1.40	3.00	3.00	2.00	2.00	1.20	0.00	1.00	0.00

Subject Name		TOS
Course Code		BARC 204
CO Code	CO	Course Outcomes
CO204.1	CO1	Apply problem-solving skills to analyse and design trusses, considering their behaviour under different loading conditions and optimizing their structural performance.
CO204.2	CO2	Comprehend the properties of materials and understand the significance of different materials in structural design.
CO204.3	CO3	Understanding the unique roles of architects and structural designers in the process of architectural design and construction.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO204.1	3	2	1	1	2	2	1	2	0	0
CO204.2	3	2	1	1	2	2	1	2	0	0
CO204.3	3	2	1	1	2	2	1	2	0	0
	3.00	2.00	1.00	1.00	2.00	2.00	1.00	2.00	0.00	0.00

Subject Name		HUMANITIES
Course Code		BARC 205
CO Code	CO	Course Outcomes
CO205.1	CO1	To recall learnings of previous semester and apply to understanding of development of art, culture, and aesthetics (Knowledge/Remember)
CO205.2	CO2	To extend students' learnings to formation of societies, beginnings and development of art and culture (through readings/movies/images etc)
CO205.3	CO3	To examine meaning of culture and, examine and record various cultural developments through prehistoric times (documentations)
CO205.4	CO4	To compare and analyse various civilizations, that developed along major world rivers and identify distinguishing characteristics of each; To assess formulation of first religions of the Indian subcontinents (demonstrating understanding through PowerPoint presentation)

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO205.1	3	3	2	2	0	0	1	0	0	0
CO205.2	3	3	2	2	0	0	0	0	0	0
CO205.3	3	3	2	2	0	0	1	0	0	0
CO205.4	3	3	3	2	0	0	1	0	0	0
	3.00	3.00	2.25	2.00	0.00	0.00	1.00	0.00	0.00	0.00

Subject Name		E.V.S
Course Code		BARC 206
CO Code	CO	Course Outcomes
CO206.1	CO1	To understand inter-relationship between development and environment
CO206.2	CO2	To understand concepts of sustainability through traditional knowledge and contemporary practices.
CO206.3	CO3	Understanding and analysing 3R's of water cycle through traditional and contemporary practices.
CO206.4	CO4	Understanding and analysing energy conservation and renewable systems through traditional and contemporary practices.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO206.1	1	3	0	1	2	1	0	2	1	0
CO206.2	3	3	0	1	2	1	0	2	1	0
CO206.3	3	3	0	1	1	2	0	2	1	0
CO206.4	3	3	0	1	1	2	0	2	1	0
	2.50	3.00	0.00	1.00	1.50	1.50	0.00	2.00	1.00	0.00

Subject Name		ARD
Course Code		BARC 207
CO Code	CO	Course Outcomes
CO207.1	CO1	Develop comprehensive understanding in isometric, axonometric, perspective, and sciography drawing techniques to create visually compelling architectural representations. (Knowledge/Skill Development)
CO207.2	CO2	Cultivate & improve the ability to sketch outdoor landscapes and scenes confidently and expressively through freehand techniques. (Knowledge/Skill Development)
CO207.3	CO3	Explore human and architectural anatomy in workshops, enhancing understanding of form, scale, and spatial relationships. Practice visual exercises to refine observational and illustrative abilities. (Understanding, Analyse)
CO207.4	CO4	Acquire hands-on experience by creating structural models related to design, theory of structures and construction. (Understanding, Apply)

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO207.1	3	0	2	0	0	0	0	0	0	0
CO207.2	3	1	3	1	0	0	0	0	0	0
CO207.3	3	2	3	0	0	0	0	0	0	0
CO207.4	3	3	2	2	0	3	0	1	0	0
	3.00	2.00	2.50	1.50	0.00	3.00	0.00	1.00	0.00	0.00

Subject Name		COLLEGE PROJECT
Course Code		BARC 220
CO Code	CO	Course Outcomes
CO220.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO220.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey
CO220.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO220.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO220.1	3	2	0	0	2	2	0	0	0	0
CO220.2	3	0	0	2	1	2	0	0	0	0
CO220.3	3	0	0	1	2	1	0	0	0	0
CO220.4	3	3	3	1	3	2	1	1	0	0
	3.00	2.50	3.00	1.33	2.00	1.75	1.00	1.00	0.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 221
CO Code	CO	Course Outcomes
CO221.1	CO1	To select and compare different material to use for making models
CO221.2	CO2	To reproduce their creative designs in model form to scale
CO221.3	CO3	To understand and value group and teamwork

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO221.1	3	1	1	0	3	0	1	0	0	0
CO221.2	3	2	1	0	3	0	2	1	0	0
CO221.3	1	3	1	0	3	0	0	0	0	2
	2.33	2.00	1.00	0.00	3.00	0.00	1.50	1.00	0.00	2.00

COURSE OUTCOME

BACHELOR OF ARCHITECTURE

SECOND YEAR

Subject Name		ARCH.DESIGN
Course Code		BARC 301
CO Code	CO	Course Outcomes
CO301.1	CO1	To classify space requirements for various activities for small groups of people
CO301.2	CO2	To identify indoor and out door spaces created by built forms.
CO301.3	CO3	To create spaces suitable for the for multiple activities, spaces as per the behavioural needs of individuals and groups
CO301.4	CO4	To be able to Design and detail out built form and required infrastructure with reference to methods of construction, and materials.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO301.1	3	3	1	1	0	1	0	0	1	0
CO301.2	2	2	0	2	0	0	0	0	1	0
CO301.3	1	2	2	0	2	1	2	3	1	0
CO301.4	1	1	1	0	3	2	2	3	1	0
	1.75	2.00	1.33	1.50	2.50	1.33	2.00	3.00	1.00	0.00

Subject Name		ALLIED DESIGN
Course Code		BARC 302
CO Code	CO	Course Outcomes
CO302.1	CO1	To recognize various styles with respect to interior designs and to analyse the concept with respect to the space
CO302.2	CO2	To understand the user and space through case studies and readings.
CO302.3	CO3	To design spaces using different design tools by justifying their concept and design through drawings and models.
CO302.4	CO4	To demonstrate the design portfolio with all the detailed drawings

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO302.1	3	2	3	2	3	0	3	3	1	0
CO302.2	3	3	1	2	3	0	3	1	1	0
CO302.3	2	3	1	2	2	0	3	3	1	0
CO302.4	2	3	1	2	2	0	2	3	1	0
	2.50	2.75	1.50	2.00	2.50	0.00	2.75	2.50	1.00	0.00

Subject Name		A.B.C.M
Course Code		BARC 303
CO Code	CO	Course Outcomes
CO303.1	CO1	Students must be able to <i>infer</i> the various components of an RCC structure (beams, slabs, columns) in a low rise framed structure.
CO303.2	CO2	Students must be able to <i>prepare</i> the planning and construction sequence for low rise framed structures.
CO303.3	CO3	Students should be able to <i>distinguish</i> between different types of moisture and heat protection elements.
CO303.4	CO4	Students should be able to <i>deduce</i> the internal lightweight partitions, panelling and stairs for RCC structures.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO303.1	3	1	3	3	0	0	1	0	1	0
CO303.2	3	1	3	3	0	0	1	0	1	0
CO303.3	3	1	3	3	0	0	1	0	1	0
CO303.4	3	2	3	3	0	0	1	0	1	0
	3.00	1.25	3.00	3.00	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		TOS
Course Code		BARC 304
CO Code	CO	Course Outcomes
CO304.1	CO1	Introduction to concrete as a structural material, its inherent properties, advantages, and shortcomings.
CO304.2	CO2	Develop an intuitive understanding of the structural components – beams, columns, and footing; the stresses involved during the load transfer.
CO304.3	CO3	Understand the behaviour of the material and structural member (deflection, bending etc.) and application of same in the structural planning.
CO304.4	CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO304.1	3	2	1	2	2	2	1	0	1	0
CO304.2	3	2	1	2	2	2	1	1	1	0
CO304.3	3	2	1	2	2	2	1	1	1	0
CO304.4	3	2	1	2	2	2	2	1	1	0
	3.00	2.00	1.00	2.00	2.00	2.00	1.25	1.00	1.00	0.00

Subject Name		HUMANITIES
Course Code		BARC 305
CO Code	CO	Course Outcomes
CO305.1	CO1	To recall learnings of previous semester and apply understanding of ancient civilizations to later periods of civilization with respect to culture, art, and architecture (Knowledge/Remember)
CO305.2	CO2	To understand and trace formation of Abrahamic religions and their correlation to development of art, culture, and architecture in the regions (through readings/movies/images etc)
CO305.3	CO3	To correlate cultural shifts from industrial revolution to capitalist societies and evaluate demographic changes through modern ages
CO305.4	CO4	To critique and compile philosophies of various sub movements that influenced modern movement

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO305.1	3	3	3	2	0	0	1	0	1	0
CO305.2	3	3	3	2	0	0	0	0	1	0
CO305.3	3	3	2	2	0	0	1	0	1	0
CO305.4	3	3	2	2	0	0	1	0	1	0
	3.00	3.00	2.50	2.00	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		E.V.S
Course Code		BARC 306
CO Code	CO	Course Outcomes
CO306.1	CO1	To understand the effect of climate on human shelter and environment, study geographic & climatic zones along with human comfort conditions
CO306.2	CO2	Illustrate and design solar geometry and the design of shading devices.
CO306.3	CO3	To study the principles of thermal design and ventilation in the building.
CO306.4	CO4	To be able to design building layouts considering the climatic zone.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO306.1	3	3	1	1	2	1	0	1	1	0
CO306.2	1	2	0	3	3	3	0	0	1	0
CO306.3	1	2	0	2	3	3	0	1	1	0
CO306.4	1	1	0	2	2	3	3	0	1	0
	1.50	2.00	1.00	2.00	2.50	2.50	3.00	1.00	1.00	0.00

Subject Name		ARD
Course Code		BARC 307
CO Code	CO	Course Outcomes
CO307.1	CO1	Develop a strong command in architectural perspective drawing, with a focus on representing building elements and interior spaces. Additionally, gain knowledge in rendering shades and shadows for buildings and their components through sciographic techniques.
CO307.2	CO2	Apply learned perspective and sciography skills in practical exercises as sessional work., enabling students to create realistic representations of architectural elements and spaces.
CO307.3	CO3	Learn to produce accurate and comprehensive documentation of architectural elements and interior spaces
CO307.4	CO4	Develop a comprehensive understanding used to measure both interior and exterior spaces, as well as building elements. Gain the skills needed to conduct precise measurements for architectural documentation and analysis.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO307.1	3	1	3	2	2	1	0	1	0	0
CO307.2	3	0	2	2	3	1	0	1	0	0
CO307.3	3	2	2	1	2	1	0	1	0	0
CO307.4	3	2	2	1	3	2	0	1	0	0
	3.00	1.67	2.25	1.50	2.50	1.25	0.00	1.00	0.00	0.00

Subject Name		A.B.S
Course Code		BARC 308
CO Code	CO	Course Outcomes
CO308.1	CO1	To sensitize and understand the Basic principles of sanitation, collection, and conveyance of waste matter in a habitable space.
CO308.2	CO2	To Analyse and discuss the role of Pipes-types, sizes, and materials along with their joining details & Traps and appliances of sanitation system. Case study method.
CO308.3	CO3	To identify types of water supply, the Sources of water supply, Quality and Quantity, Treatment, Conveyance in Building via arrangements of Ferrule, water meter and Pipes involved.
CO308.4	CO4	To estimate the calculations of Storage tank designs, Distribution and Storage, size of overhead tank and underground tank based on the occupancy in different type of buildings as per NBC.
CO308.5	CO5	To equip in designing of toilets private and public with respect to principles of dry areas and wet areas and complying to plumbing required.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO308.1	3	1	1	2	1	2	2	0	1	0
CO308.2	3	2	3	2	2	2	3	0	1	0
CO308.3	3	3	3	1	2	1	2	0	1	0
CO308.4	2	2	3	2	1	2	3	1	1	0
CO308.5	1	2	3	3	3	3	2	3	1	0
	2.40	2.00	2.60	2.00	1.80	2.00	2.40	2.00	1.00	0.00

Subject Name		ARCH.THEORY
Course Code		BARC 309
CO Code	CO	Course Outcomes
CO309.1	CO1	To recall the knowledge acquired in their previous learnings about architecture theory and define architecture theory based on our previous learnings (Knowledge/Remember)
CO309.2	CO2	To sensitize and express the role and needs of architecture theory in the design process (Through posters/reading/movie etc)
CO309.3	CO3	To analyse and discuss the relationship between the built form and architectural theory based on prescribed readings
CO309.4	CO4	To adapt the learnings to the architectural design project concept sheets

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO309.1	3	2	3	3	0	0	1	0	1	0
CO309.2	2	3	2	2	0	0	0	0	1	0
CO309.3	3	3	3	2	0	0	1	0	1	0
CO309.4	2	3	2	2	0	0	1	0	1	0
	2.5	2.75	2.5	2.25	0	0	1	0	1	0

Subject Name		COLLEGE PROJECT
Course Code		BARC 320
CO Code	CO	Course Outcomes
CO320.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO320.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey
CO320.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO320.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO320.1	3	2	0	0	2	2	0	0	0	0
CO320.2	3	0	0	2	1	2	0	0	0	0
CO320.3	3	0	0	1	3	1	0	0	0	0
CO320.4	3	3	3	1	3	2	1	1	0	0
	3.00	2.50	3.00	1.33	2.25	1.75	1.00	1.00	0.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 321
CO Code	CO	Course Outcomes
CO321.1	CO1	To advance their knowledge about architecture and allied fields, through currently relevant topics
CO321.2	CO2	To interpret and apply the information in their creative design subject
CO321.3	CO3	To enhance their skill and improve their articulation by way of presentations and group work

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO321.1	3	0	1	2	1	0	0	1	0	0
CO321.2	3	0	3	2	1	0	1	2	0	0
CO321.3	3	3	2	1	2	0	0	0	0	0
	3.00	3.00	2.00	1.67	1.33	0.00	1.00	1.50	0.00	0.00

Subject Name		ARCH.DESIGN
Course Code		BARC 401
CO Code	CO	Course Outcomes
CO401.1	CO1	To develop research skills for survey research and case study.
CO401.2	CO2	To classify the functioning of community spaces in rural areas/semi urban areas.
CO401.3	CO3	To compute principles of design, construction, and technology based on tradition and experience.
CO401.4	CO4	To be able to Design spaces suitable for life style in rural/semi urban areas, to conserve the natural surroundings and social fabric suitable for communities, climatic conditions, by using local materials

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO401.1	3	3	2	1	0	0	0	0	1	0
CO401.2	2	1	1	3	3	3	0	0	1	0
CO401.3	1	1	2	2	3	3	2	0	1	0
CO401.4	2	0	2	0	2	2	2	3	1	0
	2.00	1.67	1.75	2.00	2.67	2.67	2.00	3.00	1.00	0.00

Subject Name		ALLIED DESIGN
Course Code		BARC 402
CO Code	CO	Course Outcomes
CO402.1	CO1	To examine user requirements, design intent and context through research.
CO402.2	CO2	To research and relate the findings to the space, through study of site and space planning.
CO402.3	CO3	To design and plan the space and devise the learning.
CO402.4	CO4	To demonstrate the learning by drafting and planning

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO402.1	3	2	3	2	3	0	3	3	1	0
CO402.2	3	3	1	2	3	0	3	1	1	0
CO402.3	2	3	1	2	2	0	3	3	1	0
CO402.4	2	3	1	2	2	0	2	3	1	0
	2.50	2.75	1.50	2.00	2.50	0.00	2.75	2.50	1.00	0.00

Subject Name		A.B.C.M
Course Code		BARC 403
CO Code	CO	Course Outcomes
CO403.1	CO1	Students must be able to <i>infer</i> the various components and connections of a steel structure (beams, slabs, columns).
CO403.2	CO2	Students must be able to <i>prepare</i> the planning and construction sequence for low-rise framed structures in steel.
CO403.3	CO3	Students must be able to <i>evaluate</i> moisture and fire protection for steel framed structures in steel.
CO403.4	CO4	Students must be able to <i>illustrate</i> different types of roof truss systems.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO403.1	3	1	3	3	0	0	1	0	1	0
CO403.2	3	1	3	3	0	0	1	0	1	0
CO403.3	3	1	3	3	0	0	1	0	1	0
CO403.4	3	2	3	3	0	0	1	0	1	0
	3.00	1.25	3.00	3.00	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		TOS
Course Code		BARC 404
CO Code	CO	Course Outcomes
CO404.1	CO1	Develop an understanding of long column and short column through theories and methods and the way it is used in the structural systems.
CO404.2	CO2	Developing the skill to analyse structural members (fixed beams, columns etc.) through theories and calculations and various ways in which load gets transferred in the structural system.
CO404.3	CO3	In-depth understanding of soil properties and its mechanics and its impact on the structural design

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO404.1	3	1	1	2	2	2	1	1	1	0
CO404.2	3	1	1	2	2	2	1	1	1	0
CO404.3	3	1	1	2	2	2	1	1	1	0
	3.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	0.00

Subject Name		HUMANITIES
Course Code		BARC 405
CO Code	CO	Course Outcomes
CO405.1	CO1	To recall learnings of previous semester and apply understanding to vernacular studies with respect to anthropological and cultural shifts in Indian region
CO405.2	CO2	To group Art and Architecture of Rock cut caves, identifying foreign influences and further categorising and presenting studies through illustrations
CO405.3	CO3	To compare and map growth of Islam as religion in vernacular and contextual terms
CO405.4	CO4	To identify, assess and compile growth of Hinduism and analyse various regional influence on temple architecture documenting the various developments

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO405.1	3	3	3	2	0	0	1	0	1	0
CO405.2	3	3	2	3	0	0	0	0	1	0
CO405.3	3	3	2	2	0	0	1	0	1	0
CO405.4	3	3	2	2	0	0	1	0	1	0
	3.00	3.00	2.25	2.25	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		ARD
Course Code		BARC 407
CO Code	CO	Course Outcomes
CO407.1	CO1	To provide students with a thorough understanding of various methods used in surveying, including both traditional and modern techniques. Additionally, instill the importance of accurate documentation in the surveying process, emphasizing its role in land management and construction projects.
CO407.2	CO2	Introduce students to the fundamental tools and equipment used in land surveying, such as theodolites, total stations, and GPS devices. Develop proficiency in their operation and maintenance, ensuring students are well-prepared for fieldwork.
CO407.3	CO3	Familiarize students with modern surveying methods and technologies, including the use of Geographic Information Systems (GIS), remote sensing, and advanced data processing software. Enable students to harness the capabilities of these tools for efficient and accurate data collection and analysis in contemporary surveying projects.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO407.1	3	2	2	2	2	1	1	0	0	0
CO407.2	3	2	2	2	3	3	2	0	0	0
CO407.3	3	2	2	2	3	3	2	0	0	0
	3.00	2.00	2.00	2.00	2.67	2.33	1.67	0.00	0.00	0.00

Subject Name		A.B.S
Course Code		BARC 408
CO Code	CO	Course Outcomes
CO408.1	CO1	To know Drainage systems, gradients used in laying drains and sewers, calculations of slope and the invert levels to achieve self-cleansing velocities for drainpipes.
CO408.2	CO2	To acquire knowledge of Site drainage and consecutively understand rainwater harvesting and its methods.
CO408.3	CO3	To gain in depth knowledge on construction uses
CO408.4	CO4	To gain in depth knowledge on types of traps used for site drainage.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO408.1	3	1	2	1	2	2	2	0	1	0
CO408.2	3	1	2	1	2	2	2	1	1	0
CO408.3	3	0	3	1	1	2	1	0	1	0
CO408.4	3	0	3	1	1	2	1	0	1	0
	3.00	1.00	2.50	1.00	1.50	2.00	1.50	1.00	1.00	0.00

Subject Name		ARCH.THEORY
Course Code		BARC 409
CO Code	CO	Course Outcomes
CO409.1	CO1	To adapt and use various writing tools including referencing and citation and to understand clearly issues and consequences of plagiarism
CO409.2	CO2	To apply effectively in words the thought process applied to the designs being carried out in various studios
CO409.3	CO3	To understand and correctly use architectural terms to communicate architectural ideas
CO409.4	CO4	To identify and write with clarity about architecture and ideas in architecture based on previous learnings

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO409.1	3	3	3	2	0	0	1	0	1	0
CO409.2	3	2	2	2	0	0	0	0	1	0
CO409.3	3	2	2	2	0	0	1	0	1	0
CO409.4	3	2	2	2	0	0	1	0	1	0
	3.00	2.25	2.25	2.00	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		COLLEGE PROJECT
Course Code		BARC 420
CO Code	CO	Course Outcomes
CO420.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO420.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey
CO420.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO420.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO420.1	3	2	0	0	2	2	0	0	0	0
CO420.2	3	0	0	2	1	2	0	0	0	0
CO420.3	3	0	0	1	3	1	0	0	0	0
CO420.4	3	3	3	1	3	2	1	1	0	0
	3.00	2.50	3.00	1.33	2.25	1.75	1.00	1.00	0.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 421
CO Code	CO	Course Outcomes
CO421.1	CO1	To advance their knowledge about architecture and allied fields, through currently relevant topics
CO421.2	CO2	To interpret and apply the information in their creative design subject
CO421.3	CO3	To enhance their skill and improve their articulation.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO421.1	3	0	1	2	1	0	0	1	0	1
CO421.2	3	0	3	2	1	0	1	2	0	0
CO421.3	3	3	2	1	2	0	0	0	0	0
	3.00	3.00	2.00	1.67	1.33	0.00	1.00	1.50	0.00	1.00

COURSE OUTCOME

BACHELOR OF ARCHITECTURE

THIRD YEAR

Subject Name		ARCH.DESIGN
Course Code		BARC 501
CO Code	CO	Course Outcomes
CO501.1	CO1	To identify the potential of urban land and optimization of spaces, architectural forms, and corresponding functions for different types of buildings.
CO501.2	CO2	To establish an appropriate architectural form, their grouping and Composition integrating spaces required for various activities.
CO501.3	CO3	To integrate required infrastructure and services
CO501.4	CO4	To be able to Design architectural spaces suitable for urban commercial, recreation, entertainment activities for large

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO501.1	3	3	2	1	0	0	0	0	2	1
CO501.2	2	1	3	3	0	3	1	0	2	1
CO501.3	2	0	2	0	3	3	2	0	2	1
CO501.4	2	0	2	0	2	2	2	3	2	1
	2.25	2.00	2.25	2.00	2.50	2.67	1.67	3.00	2.00	1.00

Subject Name		ALLIED DESIGN
Course Code		BARC 502
CO Code	CO	Course Outcomes
CO502.1	CO1	To identify fundamentals of landscape architecture, design elements and principles.
CO502.2	CO2	To analyse and apply the knowledge of land, slopes, hydrology of given land.
CO502.3	CO3	To evaluate different factors on site to identify inferences.
CO502.4	CO4	To create and design landscape Intervention for the said project.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO502.1	3	2	3	2	3	0	3	3	2	1
CO502.2	3	3	1	2	3	0	3	1	2	1
CO502.3	2	3	1	2	2	0	3	3	2	1
CO502.4	2	3	1	2	2	0	2	3	2	1
	2.50	2.75	1.50	2.00	2.50	0.00	2.75	2.50	2.00	1.00

Subject Name		A.B.C.M
Course Code		BARC 503
CO Code	CO	Course Outcomes
CO503.1	CO1	Students shall be able to <u>explain</u> and <u>demonstrate</u> the concepts of Building Skins, Curtain walls, Canopy and Glazing etc.
CO503.2	CO2	Students shall be able to <u>identify</u> , relate and <u>prioritize</u> various shallow and buoyant foundation systems.
CO503.3	CO3	Students shall be able to <u>identify</u> , relate and <u>prioritize</u> between various types of column footings and foundation walls.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO503.1	3	1	3	3	0	0	1	0	2	1
CO503.2	3	1	3	3	0	0	1	0	2	1
CO503.3	3	1	3	3	0	0	1	0	2	1
	3.00	1.00	3.00	3.00	0.00	0.00	1.00	0.00	2.00	1.00

Subject Name		TOS
Course Code		BARC 504
CO Code	CO	Course Outcomes
CO504.1	CO1	Introduction to steel as a structural material, its inherent properties, advantages, and shortcomings.
CO504.2	CO2	Develop an intuitive understanding of the flow of loads in a steel structure and the nature of stresses in various members.
CO504.3	CO3	Understand the behaviour of typical members in a steel structure and work out their preliminary sizes, fundamentals of connection design.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO504.1	3	1	1	2	3	3	2	2	1	0
CO504.2	3	1	2	2	3	3	2	2	1	0
CO504.3	3	1	2	2	3	3	2	2	1	0
	3.00	1.00	1.67	2.00	3.00	3.00	2.00	2.00	1.00	0.00

Subject Name		HUMANITIES
Course Code		BARC 505
CO Code	CO	Course Outcomes
CO505.1	CO1	To recall learnings of previous semester and elaborate them further, connecting them to modern developments in Art and Architecture
CO505.2	CO2	To draw, compare and map influences in Art and Architecture presenting through citing examples and illustrations and through pre- and post-Independent India
CO505.3	CO3	To have a critical analysis of impact of technology and development of structural systems on development in architecture
CO505.4	CO4	To conduct and develop an insight on regionalism and critical regionalism in India
CO505.5	CO4	To compare the various Art and Architectural styles from the industrial revolution to today at both global and local level

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO505.1	3	3	3	3	0	0	1	0	2	1
CO505.2	3	3	3	3	0	0	0	0	2	1
CO505.3	3	3	2	2	0	0	1	0	2	1
CO505.4	3	3	2	2	0	0	0	1	2	1
CO505.5	3	3	2	2	0	0	0	1	2	1
	3.00	3.00	2.50	2.50	0.00	0.00	1.00	1.00	2.00	1.00

Subject Name		ARD
Course Code		BARC 507
CO Code	CO	Course Outcomes
CO507.1	CO1	To provide students with a solid foundation in the concepts and principles of quantity surveying and estimating, including an understanding of different types of estimates, methods of approximate estimating, and the preparation of detailed estimates. This objective aims to equip students with the knowledge necessary for accurate cost assessment in construction projects.
CO507.2	CO2	Develop the ability to accurately take out quantities for civil works, particularly for load-bearing structures, and prepare abstracts of estimates. Enable students to use various methods and standards, including municipal or P.W.D. schedule rates and current market rates, for calculating rates and quantities.
CO507.3	CO3	Highlight the importance of specifications in construction activities and provide students with the skills to draft specifications effectively. Students will learn about the different types of specifications, the correct order and sequence for drafting them, and the language and organization of project specifications.
CO507.4	CO4	Enable students to draft specifications in a clear, organized, and effective manner. This objective includes understanding the distinctions between detailed and brief specifications, open and restricted specifications, as well as performance and standard specifications, including Indian standard specifications and P.W.D. specifications. Students will learn how to communicate project requirements accurately through specifications.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO507.1	3	1	2	2	3	3	1	2	2	0
CO507.2	3	0	2	3	3	3	1	2	2	0
CO507.3	3	0	2	3	3	3	1	2	2	0
CO507.4	2	0	2	2	2	2	2	2	2	0
	2.75	1.00	2.00	2.50	2.75	2.75	1.25	2.00	2.00	0.00

Subject Name		A.B.S
Course Code		BARC 508
CO Code	CO	Course Outcomes
CO508.1	CO1	To identify and understand need, supply, distribution, and connections of electricity in a habitable space.
CO508.2	CO2	To learn importance of Wires, wiring systems available in past and present, accessories attached with market Survey
CO508.3	CO3	To express and implement space enhancement with diverse types of Lighting systems and calculations of provision of efficient lights as per task and requirements
CO508.4	CO4	To acquire knowledge of basics of acoustics its terminologies, propagation, and reverberation of Sound
CO508.5	CO5	To enable them with calculations to design desirable acoustics for rooms as Lecture halls and Auditoriums.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO508.1	3	1	2	0	0	2	1	0	2	0
CO508.2	3	2	1	1	2	3	2	0	2	0
CO508.3	3	2	3	2	3	3	3	2	2	0
CO508.4	3	1	1	1	1	1	1	0	2	0
CO508.5	3	1	3	2	2	3	2	2	2	0.00
	3.00	1.40	2.00	1.50	2.00	2.40	1.80	2.00	2.00	0.00

Subject Name		ARCH.THEORY
Course Code		BARC 509
CO Code	CO	Course Outcomes
CO509.1	CO1	To understand the fundamentals of theoretical architectural research, its objectives, and its essential methodologies
CO509.2	CO2	To describe and develop a critical analysis and evaluation based on documentation and data collection
CO509.3	CO3	To develop an attitude of critical thinking based on all the past learnings
CO509.4	CO4	To adapt the learnings to the architectural design project concept sheets and create an attitude of self-criticality during the design process

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO509.1	3	3	3	2	0	0	1	0	2	1
CO509.2	3	3	3	2	0	0	0	0	2	1
CO509.3	3	3	2	2	0	0	1	0	2	1
CO509.4	3	3	2	2	0	0	1	0	2	1
	3.00	3.00	2.50	2.00	0.00	0.00	1.00	0.00	2.00	1.00

Subject Name		COLLEGE PROJECT
Course Code		BARC 520
CO Code	CO	Course Outcomes
CO520.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO520.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey, Research & Documentation
CO520.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO520.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO520.1	3	2	0	0	2	2	0	0	1	0
CO520.2	3	0	0	3	1	2	0	0	1	0
CO520.3	3	0	0	1	3	1	0	0	1	0
CO520.4	3	3	3	3	3	2	2	2	1	0
	3.00	2.50	3.00	2.33	2.25	1.75	2.00	2.00	1.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 521
CO Code	CO	Course Outcomes
CO521.1	CO1	To advance their knowledge about architecture and allied fields, through currently relevant topics
CO521.2	CO2	To interpret and apply the information in their creative design subject
CO521.3	CO3	To enhance their skill and improve their articulation by way of presentations and group work

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO521.1	3	0	1	2	1	0	0	1	1	0
CO521.2	3	0	3	2	1	0	1	2	1	0
CO521.3	3	3	2	1	2	0	0	0	1	0
	3.00	3.00	2.00	1.67	1.33	0.00	1.00	1.50	1.00	0.00

Subject Name		ARCH.DESIGN
Course Code		BARC 601
CO Code	CO	Course Outcomes
CO601.1	CO1	To identify and illustrate nature of Urban institutions
CO601.2	CO2	To understand the context and character for urban institutions, architectural forms, spaces for corresponding activities.
CO601.3	CO3	To integrate required infrastructure and building systems
CO601.4	CO4	To be able to Design architectural spaces suitable for urban institute for large group of people.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO601.1	3	3	2	1	0	0	0	0	3	1
CO601.2	2	1	3	3	0	3	1	0	3	1
CO601.3	2	0	2	0	3	3	2	0	3	1
CO601.4	2	0	2	0	2	2	2	3	3	1
	2.25	2.00	2.25	2.00	2.50	2.67	1.67	3.00	3.00	1.00

Subject Name		ALLIED DESIGN
Course Code		BARC 602
CO Code	CO	Course Outcomes
CO602.1	CO1	To identify fundamentals of landscape architecture, design elements and principles.
CO602.2	CO2	To analyse and apply the knowledge of land, slopes, hydrology of given land.
CO602.3	CO3	To evaluate different factors on site to identify inferences.
CO602.4	CO4	To create and design landscape Intervention for the said project.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO602.1	3	2	3	2	3	0	3	3	2	1
CO602.2	3	3	1	2	3	0	3	1	2	1
CO602.3	2	3	1	2	2	0	3	3	2	1
CO602.4	2	3	1	2	2	0	2	3	2	1
	2.50	2.75	1.50	2.00	2.50	0.00	2.75	2.50	2.00	1.00

Subject Name		A.B.C.M
Course Code		BARC 603
CO Code	CO	Course Outcomes
CO603.1	CO1	Students shall be able <u>evaluate</u> an appropriate type of slabs for given conditions such as use of Plate slab, Plate slab with drops, and Plate slab with drops and column capitals.
CO603.2	CO2	Students shall be able to <u>Choose</u> one way, two way, ribbed and waffled slab.
CO603.3	CO3	Student shall be able to <u>examine</u> components of precast construction and its application, with various details.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO603.1	3	1	3	3	0	0	1	0	2	1
CO603.2	3	1	3	3	0	0	1	0	2	1
CO603.3	3	1	3	3	0	0	1	0	2	1
	3	1	3	3	0	0	1	0	2	1

Subject Name		TOS
Course Code		BARC 604
CO Code	CO	Course Outcomes
CO604.1	CO1	Introduction to concrete as a structural material, its inherent properties, advantages, shortcomings, and its relevance to architecture
CO604.2	CO2	Develop an intuitive understanding of grid floor and floor slabs and transfer of load in the system.
CO604.3	CO3	Understand the behaviour of typical members in an RCC structural elements with emphasis on making structural drawings and good structural planning.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO604.1	3	1	2	2	2	2	3	2	1	
CO604.2	3	1	2	2	2	2	2	2	1	
CO604.3	3	1	2	2	2	2	2	0	1	
	3.00	1.00	2.00	2.00	2.00	2.00	2.33	2.00	1.00	0.00

Subject Name		HUMANITIES
Course Code		BARC 605
CO Code	CO	Course Outcomes
CO605.1	CO1	To examine and understand architecture from the perspective of an urban lens at a global scale.
CO605.2	CO2	To associate the learnings from architecture and urbanization at a global scale to a local level taking Mumbai Metropolitan Region as an example.
CO605.3	CO3	To compare and map global urbanization and local urbanization learnings through case studies and presentations
CO605.4	CO4	To integrate the learnings and apply them to the architectural design project

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO605.1	3	3	3	3	0	0	1	0	2	1
CO605.2	3	3	3	3	0	0	0	0	2	1
CO605.3	3	3	2	2	0	0	1	0	2	1
CO605.4	3	3	2	2	0	0	1	0	2	1
	3.00	3.00	2.50	2.50	0.00	0.00	1.00	0.00	2.00	1.00

Subject Name		ARD
Course Code		BARC 607
CO Code	CO	Course Outcomes
CO607.1	CO1	To equip students with the skills necessary to produce precise foundation plans that depict the structural elements and layout of a building's foundation. Additionally, students will learn to create comprehensive floor plans that showcase room layouts, structural components, and circulation paths, ensuring accuracy and clarity in design documentation
CO607.2	CO2	To instruct students in the art of generating elevation and sectional views as needed, providing a clear understanding of the building's exterior appearance and internal structure, emphasizing key design elements and material specifications.
CO607.3	CO3	To guide students in creating detailed drawings for three selected building systems, such as roofing, walling, staircase, flooring, or openings. Students will learn how to specify construction methods, materials, dimensions, and connections for these systems.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO607.1	3	0	3	2	3	2	1	3	2	
CO607.2	3	0	3	2	3	2	1	3	2	
CO607.3	3	0	3	2	3	2	1	2	2	
	3.00	0.00	3.00	2.00	3.00	2.00	1.00	2.67	2.00	0.00

Subject Name		A.B.S
Course Code		BARC 608
CO Code	CO	Course Outcomes
CO608.1	CO1	To learn the importance of Fire Fighting and Protection arrangements and design-based solutions for a building.
CO608.2	CO2	To equip with skill of designing active firefighting systems in layout on basis of prescribed norms of NBC
CO608.3	CO3	To observe and understand the systems of distribution of water supply and electricity in High rise Buildings for provision of spaces as required.
CO608.4	CO4	To analyse and estimate and calculate the design and space requirements for installation of Lifts and Escalators.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO608.1	3	3	3	1	1	2	1	0	2	
CO608.2	3	3	3	1	2	3	1	1	2	
CO608.3	2	3	3	1	1	2	1	0	2	
CO608.4	2	3	3	1	2	3	1	0	2	
	2.50	3.00	3.00	1.00	1.50	2.50	1.00	1.00	2.00	0.00

Subject Name		COLLEGE PROJECT
Course Code		BARC 620
CO Code	CO	Course Outcomes
CO620.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO620.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey, Research & Documentation
CO620.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO620.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO620.1	3	2	0	0	2	2	0	0		
CO620.2	3	0	0	3	1	2	0	0		
CO620.3	3	0	0	1	3	1	0	0		
CO620.4	3	3	3	3	3	2	2	2		
	3.00	2.50	3.00	2.33	2.25	1.75	2.00	2.00	0.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 621
CO Code	CO	Course Outcomes
CO621.1	CO1	To advance their knowledge about architecture and allied fields, through currently relevant topics
CO621.2	CO2	To interpret and apply the information in their creative design subject
CO621.3	CO3	To enhance their skill and improve their articulation by way of presentations and group work

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO621.1	3	0	1	2	1	0	0	1		
CO621.2	3	0	3	2	1	0	1	2		
CO621.3	3	3	2	1	2	0	0	0		
	3.00	3.00	2.00	1.67	1.33	0.00	1.00	1.50	0.00	0.00

COURSE OUTCOME

BACHELOR OF ARCHITECTURE

FOURTH YEAR

Subject Name		ARCH.DESIGN
Course Code		BARC 701
CO Code	CO	Course Outcomes
CO701.1	CO1	To identify quantitative and qualitative aspects of mass housing.
CO701.2	CO2	To observe and classify user aspirations and affordability, housing typologies in urban areas.
CO701.3	CO3	To integrate required infrastructure, services, and amenities.
CO701.4	CO4	To be equipped to Design of housing schemes in urban area incorporating required infrastructure, amenities.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO701.1	3	3	2	1	0	0	0	0	3	2
CO701.2	2	1	3	3	0	3	1	0	3	2
CO701.3	2	0	2	0	3	3	3	0	3	2
CO701.4	2	0	2	0	2	2	3	3	3	2
	2.25	2.00	2.25	2.00	2.50	2.67	2.33	3.00	3.00	2.00

Subject Name		ALLIED DESIGN
Course Code		BARC 702
CO Code	CO	Course Outcomes
CO702.1	CO1	To identify fundamentals of Town Planning, planning principles and elements.
CO702.2	CO2	To analyse and apply the land use development, growth patterns and infrastructure.
CO702.3	CO3	To evaluate various parameters of planning, to identify inferences for various design strategies.
CO702.4	CO4	To integrate design strategies based on analysis and inferences to create and design planning intervention.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO702.1	3	2	3	2	3	0	3	3	3	2
CO702.2	3	3	1	2	3	0	3	1	3	2
CO702.3	2	3	1	2	2	0	3	3	3	2
CO702.4	2	3	1	2	2	0	2	3	3	2
	2.50	2.75	1.50	2.00	2.50	0.00	2.75	2.50	3.00	2.00

Subject Name		A.B.C.M
Course Code		BARC 703
CO Code	CO	Course Outcomes
CO703.1	CO1	Students shall be able to <u>classify</u> Piles and their use in deep foundation.
CO703.2	CO2	Students shall be able to <u>justify</u> planning and construction sequences of single and multi-level basements in high rise buildings.
CO703.3	CO3	Students shall be able to <u>decide</u> between various types of high-rise buildings, with respect to form work and core planning involved.
CO703.4	CO4	Students shall be able to <u>evaluate</u> earthquake resistant strategies.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO703.1	3	1	3	3	0	0	1	0	3	2
CO703.2	3	1	3	3	0	0	1	0	3	2
CO703.3	3	1	3	3	0	0	1	0	3	2
CO703.4	3	1	3	3	0	0	1	0	3	2
	3.00	1.00	3.00	3.00	0.00	0.00	1.00	0.00	3.00	2.00

Subject Name		TOS
Course Code		BARC 704
CO Code	CO	Course Outcomes
CO704.1	CO1	In-depth understanding pile foundations and types of footings in the structural system
CO704.2	CO2	Introduction to tall structures. Theory and principles of structural design involve in designing high-rise buildings with an emphasis on wind forces and earthquake resistant mechanism.
CO704.3	CO3	Introduction to retaining walls and basement walls and various types of footings used in structural system.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO704.1	3	1	2	2	2	3	3	2	2	0
CO704.2	3	1	2	2	2	3	3	2	2	0
CO704.3	3	1	2	2	2	3	3	2	2	0
	3.00	1.00	2.00	2.00	2.00	3.00	3.00	2.00	2.00	0.00

Subject Name		ARD
Course Code		BARC 707
CO Code	CO	Course Outcomes
CO707.1	CO1	To provide students with the necessary knowledge and skills to draft comprehensive project specifications for a building, covering a wide range of work items from excavation to finishing in the superstructure. This includes specifying materials, methods, and quality standards for each aspect of construction.
CO707.2	CO2	To familiarize students with building bylaws and regulations, including an exploration of their need and relevance in the construction industry. Students will gain insights into the National Building Code and the implications of development control rules, particularly in the context of Greater Mumbai. They will also learn how to calculate built-up areas and F.S.I.
CO707.3	CO3	To equip students with the skills needed to prepare drawings and documentation required for obtaining approvals from local authorities. Students will learn how to create drawings that align with development control rules and building bylaws, ensuring compliance with regulatory requirements for construction projects

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO707.1	3	0	2	2	3	3	2	3	3	2
CO707.2	3	0	2	2	3	3	2	3	3	2
CO707.3	3	0	2	2	3	3	2	3	3	2
	3.00	0.00	2.00	2.00	3.00	3.00	2.00	3.00	3.00	2.00

Subject Name		A.B.S
Course Code		BARC 708
CO Code	CO	Course Outcomes
CO708.1	CO1	To recognize ventilation under Natural Ventilation and mechanical ventilation techniques
CO708.2	CO2	To expose the students to the requirements of designing for the human comfort in accordance with external and internal climatic conditions and mechanics of providing it.
CO708.3	CO3	To develop an understanding of the advanced building services such as Air conditioning and lifts and their application in the design proposals of buildings of slight complex nature such as multi-storeyed.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO708.1	2	1	3	1	3	2	1	1	3	2
CO708.2	3	2	3	1	2	2	1	0	3	2
CO708.3	2	2	3	1	2	2	1	0	3	2
	2.33	1.67	3.00	1.00	2.33	2.00	1.00	1.00	3.00	2.00

Subject Name		PROFESSIONAL PRACTICE
Course Code		BARC 710
CO Code	CO	Course Outcomes
CO710.1	CO1	To understand the professional role, responsibilities, duties, liabilities of Architects
CO710.2	CO2	To understand various types, od tenders and tender documents.
CO710.3	CO3	To understand various types of contract and various terms used in contract.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO710.1	3	2	1	2	2	1	2	1	2	3
CO710.2	3	2	1	2	2	1	2	1	2	3
CO710.3	2	2	1	2	2	3	2	3	2	3
	2.67	2.00	1.00	2.00	2.00	1.67	2.00	1.67	2.00	3.00

Subject Name		COLLEGE PROJECT
Course Code		BARC 720
CO Code	CO	Course Outcomes
CO720.1	CO1	Gain Knowledge from - Seminars, Workshops, Guest Lectures
CO720.2	CO2	Learn through - Site Visits, Study tours, Industrial visits, Market survey, Research & Documentation
CO720.3	CO3	Learn - Based on CP Teaching Plan (Software, Other Skills) or any other subject
CO720.4	CO4	Holistic learning through co-curricular & extra-curricular - Participation in Intercollegiate competitions, exhibitions, clubs, sports, NASA, special events etc

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO720.1	3	2	0	0	2	2	0	0	0	0
CO720.2	3	0	0	3	1	2	0	0	0	0
CO720.3	3	0	0	1	3	1	0	0	0	0
CO720.4	3	3	3	3	3	2	2	2	0	0
	3.00	2.50	3.00	2.33	2.25	1.75	2.00	2.00	0.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 721
CO Code	CO	Course Outcomes
CO721.1	CO1	To advance their knowledge about architecture, Urbanity and allied fields, through currently relevant topics
CO721.2	CO2	To interpret and apply the information in their creative design subject
CO721.3	CO3	To critically evaluate and apply their acquired skill and improve their articulation by way of presentations and group work

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO721.1	3	0	1	2	1	0	0	1	1	0
CO721.2	3	0	3	2	1	1	1	2	1	0
CO721.3	3	3	2	1	2	2	2	1	1	0
	3.00	3.00	2.00	1.67	1.33	1.50	1.50	1.33	1.00	0.00

Subject Name		PROFESSIONAL PRACTICE
Course Code		BARC 810
CO Code	CO	Course Outcomes
CO810.1	CO1	To understand the role of Architects for Rent, Valuation, and its types.
CO810.2	CO2	To understand Dilapidation and Law related to structural and general repairs
CO810.3	CO3	To understand various types of Fire Insurance

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO810.1	3	3	1	2	2	1	1	1	3	3
CO810.2	3	3	1	2	2	1	1	1	3	3
CO810.3	3	3	1	2	2	1	1	3	3	3
	3.00	3.00	1.00	2.00	2.00	1.00	1.00	1.67	3.00	3.00

COURSE OUTCOME

BACHELOR OF ARCHITECTURE

FIFTH YEAR

Subject Name		ARCH.DESIGN
Course Code		BARC 901
CO Code	CO	Course Outcomes
CO901.1	CO1	To identify and illustrate impact of socio-economic factors on users requirements.
CO901.2	CO2	To apply the technical knowledge to design detailing,
CO901.3	CO3	To observe and classify site condition, site analysis and planning, traffic patterns and transportation
CO901.4	CO4	To integrate required Architectural detailing, infrastructure, services, and amenities
CO901.5	CO5	To be equipped to design complex/ multifunctional buildings for urban commercial, transportation, recreation, entertainment activities for masses.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO901.1	3	3	2	1	0	0	0	0	3	3
CO901.2	2	1	3	3	0	3	1	0	3	3
CO901.3	2	0	2	0	3	3	3	0	3	3
CO901.4	2	1	2	0	3	3	3	2	3	3
CO901.5	2	2	2	2	2	3	3	3	3	3
	2.20	1.75	2.20	2.00	2.67	3.00	2.50	2.50	3.00	3.00

Subject Name		ALLIED DESIGN
Course Code		BARC 902
CO Code	CO	Course Outcomes
CO902.1	CO1	To identify fundamentals of Town Planning, planning principles and elements and rationalize elements of urban design applicable to the site
CO902.2	CO2	To analyse, apply and the land use development, growth patterns, infrastructure and to design urban level Interventions.
CO902.3	CO3	To evaluate various parameters of planning and to justify theories in their project.
CO902.4	CO4	To create and design planning intervention. Students will be in the city context of the city

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO902.1	3	2	3	2	3	0	3	3	3	3
CO902.2	3	3	1	2	3	0	3	1	3	3
CO902.3	2	3	1	2	2	0	3	3	3	3
CO902.4	2	3	1	2	2	0	2	3	3	3
	2.50	2.75	1.50	2.00	2.50	0.00	2.75	2.50	3.00	3.00

Subject Name		E.V.S
Course Code		BARC 906
CO Code	CO	Course Outcomes
CO906.1	CO1	To understand, analyse and critique concepts of sustainability and green rating systems (policy, regulatory frameworks, and case study)
CO906.2	CO2	To analyse energy consumption and conservation through guidelines, simulation techniques and actual consumption patterns to establish design parameters.
CO906.3	CO3	To investigate advance water and waste management systems and their applications with market study and calculations.
CO906.4	CO4	To understand and analyse LCA of building materials, impact of design, construction, maintenance, and demolition on selection of materials.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO906.1	1	3	2	1	3	3	0	1	3	1
CO906.2	1	1	1	3	3	3	2	1	3	1
CO906.3	1	1	1	3	3	3	1	1	3	1
CO906.4	1	1	1	3	3	3	1	1	3	1
	1.00	1.50	1.25	2.50	3.00	3.00	1.33	1.00	3.00	1.00

Subject Name		A.B.S
Course Code		BARC 908
CO Code	CO	Course Outcomes
CO908.1	CO1	To align with the concepts and importance of energy conservation and energy efficiency for environmental protection and maintenance of building services systems (selection of environmentally friendly products and materials used in building services systems)
CO908.2	CO2	To have an understanding with A-case oriented approach, with certain up-to-date case studies on building services systems of advanced architectural typologies used to illustrate the current state-of-the-art on the design and operation of complex building service systems.
CO908.3	CO3	To understand the concepts of Advanced services through integrated design of buildings, intelligent building, building automation and information systems of buildings.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO908.1	3	1	2	1	1	2	3	0	3	
CO908.2	3	3	2	1	1	2	3	1	3	
CO908.3	3	2	2	2	1	1	2	0	3	
	3.00	2.00	2.00	1.33	1.00	1.67	2.67	1.00	3.00	0.00

Subject Name		DESIGN DISSERTATION
Course Code		BARC 911
CO Code	CO	Course Outcomes
CO911.1	CO1	To recall and apply the learnings of the previous years for further studies.
CO911.2	CO2	To identify and interpret various challenges and formulate design gaps in the industry through readings and discussions
CO911.3	CO3	To perform experiments, demographic mapping, surveys and case studies to identify design research topic
CO911.4	CO4	To analysis and evaluate the findings from various conducted surveys and formulate research review after identifying the gaps for design component.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO911.1	3	3	2	2	3	1	0	0	3	3
CO911.2	3	3	2	2	3	1	0	0	3	3
CO911.3	3	3	2	3	3	1	0	0	3	3
CO911.4	3	3	2	3	3	1	0	0	3	3
	3.00	3.00	2.00	2.50	3.00	1.00	0.00	0.00	3.00	3.00

Subject Name		ELECTIVES
Course Code		BARC 921
CO Code	CO	Course Outcomes
CO921.1	CO1	To advance their knowledge about Issues in architecture, based upon the topic related to Design Dissertation
CO921.2	CO2	To interpret and adopt the information in Design Dissertation
CO921.3	CO3	To compile and compose their Design Dissertation more effectively

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO921.1	3	1	3	2	2	2	2	2	3	
CO921.2	2	1	3	2	2	2	2	3	3	
CO921.3	2	1	1	1	2	2	3	2	3	
	2.33	1.00	2.33	1.67	2.00	2.00	2.33	2.33	3.00	0.00

Subject Name		ELECTIVES
Course Code		BARC 922
CO Code	CO	Course Outcomes
CO922.1	CO1	To advance their knowledge about Issues in architecture, Urbanity and allied fields, through currently relevant topics
CO922.2	CO2	To interpret and apply the information in their creative design subject
CO922.3	CO3	To critically evaluate and apply their acquired skill and improve their articulation by way of presentations and group work

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO922.1	3	0	1	2	1	0	0	1	1	
CO922.2	3	0	3	2	1	1	1	2	1	
CO922.3	3	3	2	1	2	2	2	1	1	
	3.00	3.00	2.00	1.67	1.33	1.50	1.50	1.33	1.00	0.00

Subject Name		E.V.S
Course Code		BARC 1006
CO Code	CO	Course Outcomes
CO1006.1	CO1	To understand POE, compare against benchmarks and propose strategies to mitigate.
CO1006.2	CO2	To understand concepts of urban sustainability and impacts of built environment on its surroundings.
CO1006.3	CO3	To integrate learning in Design Dissertation

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1006.1	1	1	1	2	3	3	3	2	3	2
CO1006.2	1	1	1	2	3	3	0	2	3	2
CO1006.3	0	0	2	2	3	3	3	0	3	2
	1.00	1.00	1.33	2.00	3.00	3.00	3.00	2.00	3.00	2.00

Subject Name		A.R.D.
Course Code		BARC 1007
CO Code	CO	Course Outcomes
CO1007.1	CO1	To evaluate the depth and breadth of students' design knowledge, including their understanding of structural systems, construction methods, materials, and active/passive systems related to building sciences and environmental protection based on the project's requirements.
CO1007.2	CO2	To assess students' ability to translate design concepts into detailed, well-thought-out plans and sections, showcasing their expertise in design detailing under the guidance of their mentors.
CO1007.3	CO3	To promote collaborative learning and mentorship, students are encouraged to work closely with their guides to detail out significant parts of their design. This objective aims to enhance students' design detailing skills and ensure that critical aspects of the project are thoroughly developed under expert guidance.
CO1007.4	CO4	To evaluate students' incorporation of active and passive environmental solutions in their designs, emphasizing their commitment to sustainable and environmentally friendly building practices.
CO1007.5	CO5	To equip students with the skills to create detailed sections that effectively communicate the structural system of their design. Additionally, students should be able to produce schematic plans that highlight the placement and integration of building services, such as plumbing, electrical, and HVAC systems.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1007.1	3	1	2	3	3	3	3	2	3	3
CO1007.2	3	1	2	3	3	3	3	2	3	3
CO1007.3	3	3	2	3	3	3	1	2	3	3
CO1007.4	3	1	2	3	3	3	3	2	3	3
CO1007.5	3	1	2	3	3	3	3	3	3	3
	3.00	1.40	2.00	3.00	3.00	3.00	2.60	2.20	3.00	3.00

Subject Name		ADVANCED THEORIES
Course Code		BARC 1009
CO Code	CO	Course Outcomes
CO1009.1	CO1	To understand and make students aware of the current discourses in architecture
CO1009.2	CO2	To define and make comprehensible the evolution of ideas in architecture, especially after the modernist era
CO1009.3	CO3	To evaluate the rise of theory in architecture and culture after modernism, and assess the significance of post-modern and post millennial discourses in architecture
CO1009.4	CO4	To adapt the learnings to the architectural design project concept sheets and create an attitude of self-criticality during the design process

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1009.1	3	3	2	2	0	0	1	0	3	3
CO1009.2	3	3	2	2	0	0	0	0	3	3
CO1009.3	3	3	2	2	0	0	1	0	3	3
CO1009.4	3	3	2	2	0	0	1	0	3	3
	3.00	3.00	2.00	2.00	0.00	0.00	1.00	0.00	3.00	3.00

Subject Name		PROFESSIONAL PRACTICE
Course Code		BARC 1010
CO Code	CO	Course Outcomes
CO1010.1	CO1	To understand the Professional and legal responsibilities of Architects.
CO1010.2	CO2	To understand Arbitration, Conciliation and Mediation.
CO1010.3	CO3	All Acts related to non-agricultural lands in relation to Building activities related to regions such as M.R. T.P, M.H.A.D.A and M.M.R.D.A.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1010.1	3	3	1	2	1	1	1	1	3	3
CO1010.2	3	3	1	2	1	1	1	1	3	3
CO1010.3	3	3	1	2	2	2	1	2	3	3
	3.00	3.00	1.00	2.00	1.33	1.33	1.00	1.33	3.00	3.00

Subject Name		ABCS
Course Code		BARC 1012
CO Code	CO	Course Outcomes
CO1012.1	CO1	Students shall be able to <u>infer</u> various Structural systems and methods of construction.
CO1012.2	CO2	Students shall be able to <u>decide</u> structural system and method of construction for building types in thesis.
CO1012.3	CO3	Students shall be able to <u>implement</u> various Intelligent structures and control of structural response in design dissertation projects.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1012.1	3	1	3	3	0	0	1	0	3	
CO1012.2	3	1	3	3	0	0	1	0	3	
CO1012.3	3	1	3	3	0	0	1	0	3	
	3.00	1.00	3.00	3.00	0.00	0.00	1.00	0.00	3.00	0.00

Subject Name		DESIGN DISSERTATION
Course Code		BARC 1011
CO Code	CO	Course Outcomes
CO1011.1	CO1	To recall and apply the learnings of the previous years for further studies.
CO1011.2	CO2	To illustrate the findings from the research of the previous semester onto the design component.
CO1011.3	CO3	To plan and experiment through illustrations to derive design solutions.
CO1011.4	CO4	To evaluate the and test the design component through discussions and brain storming sessions.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1011.1	3	3	3	3	3	3	3	3	3	3
CO1011.2	3	3	3	3	3	3	3	3	3	3
CO1011.3	3	3	3	3	3	3	3	3	3	3
CO1011.4	3	3	3	3	3	3	3	3	3	3
	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

Subject Name		ELECTIVES
Course Code		BARC 1021
CO Code	CO	Course Outcomes
CO1021.1	CO1	To advance their knowledge about Issues in architecture, based upon the topic related to Design Dissertation
CO1021.2	CO2	To interpret and adopt the information in Design Dissertation
CO1021.3	CO3	To compile and compose their Design Dissertation more effectively

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1021.1	3	1	3	2	2	2	2	2	3	
CO1021.2	2	1	3	2	2	2	2	3	3	
CO1021.3	2	1	1	1	2	2	3	2	3	
	2.33	1.00	2.33	1.67	2.00	2.00	2.33	2.33	3.00	0.00

COURSE OUTCOME
FOR
Bachelor of Vocational Studies

COURSE OUTCOME

BACHELOR OF VOCATIONAL STUDIES

FIRST YEAR

Subject Name		INTERIOR DESIGN
Course Code		B.VOC. 101
CO Code	CO	Course Outcomes
CO101.1	CO1	To identify creativity via understanding of design process.
CO101.2	CO2	To observe the user and space through case studies and readings.
CO101.3	CO3	Practice and understand the creative to parameters of design, anthropometrics and ergonomics, human activity and use of interior spaces and furniture.
CO101.4	CO4	Articulate and develop the Concept formation for design.
CO101.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO101.1	3	1	3	0	1	0	0	0	1	0
CO101.2	3	3	3	2	2	1	0	0	1	0
CO101.3	3	3	3	2	1	0	0	0	1	0
CO101.4	3	1	3	1	0	0	0	0	1	0
CO101.5										
	3.00	2.00	3.00	1.67	1.33	1.00	0.00	0.00	1.00	0.00

Subject Name		CONSTRUCTION
Course Code		B.VOC. 102
CO Code	CO	Course Outcomes
CO102.1	CO1	To identify the concepts of substructure, superstructure, structure (load bearing/framed structures) types and paradigms.
CO102.2	CO2	To name different types of concrete blocks
CO102.3	CO3	To differentiate between different types of joinery and joints in masonry wall construction & timber joints.
CO102.4	CO4	To recognize types of fenestrations based on mode of operation, material, and positioning.
CO102.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO102.1	3	1	3	0	0	0	0	0	1	0
CO102.2	3	1	3	3	1	0	0	0	1	0
CO102.3	3	1	3	3	1	0	1	1	1	0
CO102.4	3	1	3	3	1	0	1	1	1	0
CO102.5										
	3.00	1.00	3.00	3.00	1.00	0.00	1.00	1.00	1.00	0.00

Subject Name		SERVICES
Course Code		B.VOC. 103
CO Code	CO	Course Outcomes
CO103.1	CO1	To sensitize and understand the Basic principles of sanitation, collection, and conveyance of waste matter in a habitable space.
CO103.2	CO2	To Analyse and discuss the role of Pipes-types, sizes, and materials along with their joining details & Traps and appliances of sanitation system. Case study method.
CO103.3	CO3	To identify types of water supply, the Sources of water supply, Quality and Quantity, Treatment, Conveyance in Building via arrangements of Ferrule, water meter and Pipes involved.
CO103.4	CO4	To equip in designing of toilets private and public with respect to principles of dry areas and wet areas and complying to plumbing required.
CO103.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO103.1	3	1	1	2	1	2	2	0	1	0
CO103.2	3	2	3	2	2	2	3	0	1	0
CO103.3	3	3	3	1	2	1	2	0	1	0
CO103.4	1	2	3	3	3	3	2	3	1	0
CO103.5										
	2.50	2.00	2.50	2.00	2.00	2.00	2.25	3.00	1.00	0.00

Subject Name		COMMUNICATION SKILLS
Course Code		B.VOC. 104
CO Code	CO	Course Outcomes
CO104.1	CO1	Develop Verbal and non verbal communication.
CO104.2	CO2	Students must be able to analyse Writing skills
CO104.3	CO3	Students should be able to identify Presentation skills.
CO104.4	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO104.1	3	3	3	3	0	0	2	2	0	0
CO104.2	3	3	2	2	0	0	2	2	0	0
CO104.3	3	3	2	2	0	0	2	2	0	0
CO104.4										
	3.00	3.00	2.33	2.33	0.00	0.00	2.00	2.00	0.00	0.00

Subject Name		I.D.R.S.
Course Code		B.VOC. 105
CO Code	CO	Course Outcomes
CO105.1	CO1	To familiarize students with various drawing instruments, pencils, and studio work culture, enabling them to use these tools effectively for graphic representation and creative expression.
CO105.2	CO2	To provide students with a strong foundation in plane and solid geometry, enabling them to create accurate orthographic projections of objects and architectural elements, such as plans, sections, and elevations.
CO105.3	CO3	To encourage students to develop their freehand drawing skills and stimulate their creativity. This objective emphasizes the importance of drawing from memory and imagination, fostering artistic expression.
CO105.4	CO4	To equip students with practical workshop skills, including cutting, joining, and shaping various materials. This objective is aimed at enabling students to bring their creative ideas to life through hands-on fabrication and assembly.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO105.1	3	2	2	1	0	0	0	0	0	0
CO105.2	3	1	2	2	0	0	0	0	0	0
CO105.3	3	3	3	2	0	0	0	0	0	0
CO105.4	3	3	2	1	1	0	0	0	0	0
	3.00	2.25	2.25	1.50	1.00	0.00	0.00	0.00	0.00	0.00

Subject Name		BASIC DESIGN
Course Code		B.VOC. 106
CO Code	CO	Course Outcomes
CO106.1	CO1	To identify creativity via understanding of elements & principles of design.
CO106.2	CO2	To Interpret and understand the creative imagination skills
CO106.3	CO3	Articulate and develop the skills of presentation.
CO106.4	CO4	To enhance the visual perception of students and evolve aesthetic sensitivity
CO106.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO106.1	3	2	3	2	0	0	3	3	1	0
CO106.2	3	3	1	2	0	0	3	1	1	0
CO106.3	2	3	1	2	0	0	3	3	1	0
CO106.4	2	3	1	2	0	0	0	3	1	0
CO106.5										
	2.50	2.75	1.50	2.00	0.00	0.00	3.00	2.50	1.00	0.00

Subject Name		I.M.P.
Course Code		B.VOC. 107
CO Code	CO	Course Outcomes
CO107.1	CO1	Students should be able to identify the basic materials those are used in Interior.
CO107.2	CO2	Students should be able to classify materials with reference to the material properties, feasibility, availability, durability and sustenance to climatic conditions.
CO107.3	CO3	Students should be able to differentiate between different types of materials.
CO107.4	CO4	
CO107.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO107.1	3	2	3	3	0	0	1	0	0	0
CO107.2	3	2	3	3	0	0	1	0	0	0
CO107.3	3	2	3	3	0	0	1	0	0	0
CO107.4										
CO107.5										
	3.00	2.00	3.00	3.00	0.00	0.00	1.00	0.00	0.00	0.00

Subject Name		H.O.F.
Course Code		B.VOC. 108
CO Code	CO	Course Outcomes
CO108.1	CO1	To recall learnings of ancient civilizations to later periods of civilization with respect to culture, art, and architecture.
CO108.2	CO2	To understand and trace evolution of Furniture over a period based on climate, social factors, lifestyle, availability of materials and various movements in design.
CO108.3	CO3	To correlate cultural shifts from industrial revolution to capitalist societies in furniture design.
CO108.4	CO4	To describe furniture terminologies based on methods of joinery techniques.
CO108.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO108.1	3	3	2	1	0	0	1	0	0	0
CO108.2	3	3	2	2	0	0	0	0	0	0
CO108.3	2	2	2	2	0	0	1	0	0	0
CO108.4	2	2	2	2	0	0	1	0	0	0
CO108.5										
	2.50	2.50	2.00	1.75	0.00	0.00	1.00	0.00	0.00	0.00

Subject Name		INTERIOR DESIGN
Course Code		B.VOC. 201
CO Code	CO	Course Outcomes
CO201.1	CO1	To identify and recognize anthropometry, ergonomics, design principles and components related to retail spaces
CO201.2	CO2	Establish and justify the quantitative and qualitative value of a space.
CO201.3	CO3	Evaluate and assess a given spatial situation and derived inferences.
CO201.4	CO4	Graphically represent attributes of a space and Synthesis a design
CO201.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO201.1	3	3	3	2	1	0	0	0	1	0
CO201.2	3	1	3	1	0	0	0	0	1	0
CO201.3	3	3	3	2	2	1	0	0	1	0
CO201.4	2	2	1	2	3	0	1	1	1	0
CO201.5										
	2.75	2.25	2.50	1.75	2.00	1.00	1.00	1.00	1.00	0.00

Subject Name		CONSTRUCTION
Course Code		B.VOC. 202
CO Code	CO	Course Outcomes
CO202.1	CO1	To select partition systems according to the user requirement.
CO202.2	CO2	To illustrate wall cladding & Panelling details for interior design.
CO202.3	CO3	To identify and analyse modular furniture installation requirements
CO202.4	CO4	To visualize the future trends in construction materials.
CO202.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO202.1	3	1	3	3	0	0	1	0	1	0
CO202.2	3	1	3	3	0	0	1	0	1	0
CO202.3	3	1	3	3	0	0	1	0	1	0
CO202.4	3	1	3	3	0	0	1	0	1	0
CO202.5										
	3.00	1.00	3.00	3.00	0.00	0.00	1.00	0.00	1.00	0.00

Subject Name		SERVICES
Course Code		B.VOC. 203
CO Code	CO	Course Outcomes
CO203.1	CO1	To identify and understand need, supply, distribution, and connections of electricity in a habitable space.
CO203.2	CO2	To learn importance of Wires, wiring systems available in past and present, accessories attached with market Survey
CO203.3	CO3	To express and implement space enhancement with diverse types of Lighting systems.
CO203.4	CO4	To apply the concept of automation in lighting industry in their design project with case studies.
CO203.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO203.1	3	1	2	1	0	0	1	0	1	0
CO203.2	3	1	2	1	0	0	2	0	1	0
CO203.3	3	1	3	1	0	0	1	0	1	0
CO203.4	3	1	3	1	1	1	1	0	1	0
CO203.5										
	3.00	1.00	2.50	1.00	1.00	1.00	1.25	0.00	1.00	0.00

Subject Name		COMMUNICATIONSKILLS
Course Code		B.VOC. 204
CO Code	CO	Course Outcomes
CO204.1	CO1	Students must be able to prepare Analytical writing skills.
CO204.2	CO2	Students must be able to evaluate Interpersonal skills.
CO204.3	CO3	Students must be able to analyse Business writing skills.
CO204.4	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO204.1	3	2	3	2	0	0	2	2	0	0
CO204.2	3	3	2	2	0	0	2	2	0	0
CO204.3	2	3	2	2	0	0	2	2	0	0
CO204.4										
	2.67	2.67	2.33	2.00	0.00	0.00	2.00	2.00	0.00	0.00

Subject Name		I.D.R.S.
Course Code		B.VOC.205
CO Code	CO	Course Outcomes
CO205.1	CO1	Develop comprehensive understanding in isometric, axonometric, perspective, and Sciography drawing techniques to create visually compelling architectural representations.
CO205.2	CO2	Cultivate & improve the ability to sketch interior views and scenes confidently and expressively through freehand techniques.
CO205.3	CO3	Develop a strong command in perspective drawing, with a focus on representing interior spaces. Additionally, gain knowledge in rendering shades and shadows for furniture and their components through sociography techniques.
CO205.4	CO4	Apply learned perspective and Sciography skills in practical exercises as sessional work., enabling students to create realistic representations of interior elements and spaces.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO205.1	3	0	2	0	0	0	0	0	0	0
CO205.2	3	1	3	1	0	0	0	0	0	0
CO205.3	3	1	3	2	2	1	0	1	0	0
CO205.4	3	0	2	2	3	1	0	1	0	0
	3.00	1.00	2.50	1.67	2.50	1.00	0.00	1.00	0.00	0.00

Subject Name		BASIC DESIGN
Course Code		B.VOC. 206
CO Code	CO	Course Outcomes
CO206.1	CO1	To identify and recognize the human anthropometry and human behaviour.
CO206.2	CO2	Establish and justify the quantitative and qualitative value of a space.
CO206.3	CO3	Evaluate and assess planning principles like balance, harmony, rhythm, and derived inferences.
CO206.4	CO4	Graphically represent attributes of a History, styling and theme-based designs design
CO206.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO206.1	3	2	3	2	0	0	3	3	1	0
CO206.2	3	3	1	2	0	0	3	1	1	0
CO206.3	2	3	1	2	0	0	3	3	0	0
CO206.4	2	3	1	2	0	0	2	3	0	0
CO206.5										
	2.50	2.75	1.50	2.00	0.00	0.00	2.75	2.50	1.00	0.00

Subject Name		I.M.P.
Course Code		B.VOC. 207
CO Code	CO	Course Outcomes
CO207.1	CO1	Students should be able to identify materials that are used in Interior and be able to decide material for specific conditions.
CO207.2	CO2	Students should be able to classify materials with reference to the material properties, feasibility, availability, durability, and sustenance to climatic conditions.
CO207.3	CO3	Students should be able to distinguish between different types of material such as Artificial stones, semi-precious stones.
CO207.4	CO4	
CO207.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO207.1	3	1	3	3	0	0	1	0	0	0
CO207.2	3	1	3	3	0	0	1	0	0	0
CO207.3	3	1	3	3	0	0	1	0	0	0
CO207.4										
CO207.5										
	3.00	1.00	3.00	3.00	0.00	0.00	1.00	0.00	0.00	0.00

Subject Name		H.O.F.
Course Code		B.VOC. 208
CO Code	CO	Course Outcomes
CO208.1	CO1	To understand English furniture from 16 th to 18 th century.
CO208.2	CO2	To critique and compile philosophies of various sub movements that influenced modern movement furniture.
CO208.3	CO3	To observe Bauhaus school of design and its impact on modern design.
CO208.4	CO4	To compare and analyse oriental furniture and how it is different from western counterparts.
CO208.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO208.1	3	3	2	2	0	0	1	0	0	0
CO208.2	3	3	2	2	0	0	0	0	0	0
CO208.3	3	3	2	2	0	0	1	0	0	0
CO208.4	3	3	3	2	0	0	1	0	0	0
CO208.5										
	3.00	3.00	2.25	2.00	0.00	0.00	1.00	0.00	0.00	0.00

COURSE OUTCOME

BACHELOR OF VOCATIONAL STUDIES

SECOND YEAR

Subject Name		INTERIOR DESIGN
Course Code		B.VOC. 301
CO Code	CO	Course Outcomes
CO301.1	CO1	To recognize various styles with respect to interior designs and to analyse the concept with respect to the space
CO301.2	CO2	To understand the user and space through case studies and readings.
CO301.3	CO3	To design spaces using different design tools by justifying their concept and design through drawings and models.
CO301.4	CO4	To demonstrate the design portfolio with all the detailed drawings
CO301.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO301.1	3	1	3	1	0	0	0	1	1	0
CO301.2	3	3	3	2	2	1	0	1	1	0
CO301.3	3	1	3	2	3	0	1	2	1	0
CO301.4	1	0	3	3	2	2	1	2	1	0
CO301.5										
	2.50	1.67	3.00	2.00	2.33	1.50	1.00	1.50	1.00	0.00

Subject Name		CONSTRUCTION
Course Code		B.VOC. 302
CO Code	CO	Course Outcomes
CO302.1	CO1	To differentiate various structural systems used in construction and its application in the interior field.
CO302.2	CO2	To understand the steps for single & double floor construction in steel.
CO302.3	CO3	To define different types of staircases and the different parts of a staircase.
CO302.4	CO4	To define different types of roofs in steel and understand the waterproofing techniques for terrace & toilets.
CO302.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO302.1	3	1	3	3	0	2	0	1	1	0
CO302.2	3	1	3	3	0	2	0	1	1	0
CO302.3	3	1	3	3	0	2	0	1	1	0
CO302.4	3	1	3	3	0	2	0	1	1	0
CO302.5										
	3.00	1.00	3.00	3.00	0.00	2.00	0.00	1.00	1.00	0.00

Subject Name		SERVICES
Course Code		B.VOC.303
CO Code	CO	Course Outcomes
CO303.1	CO1	To recognize ventilation under Natural Ventilation and mechanical ventilation techniques
CO303.2	CO2	To expose the students to the requirements of designing for the human comfort in accordance with external and internal climatic conditions and mechanics of providing it.
CO303.3	CO3	To develop an understanding of HVAC with its heat load calculation, selection criteria, ducting principles in centralized air conditioning systems.
CO303.4	CO4	To acquire knowledge of basics of acoustics its terminologies, propagation, and reverberation of Sound
CO303.5	CO5	To enable them with calculations to design desirable acoustics for rooms as Lecture halls and Auditoriums.

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO303.1	2	1	3	1	3	2	1	1	1	0
CO303.2	3	2	3	1	2	2	1	0	1	0
CO303.3	2	2	3	1	2	2	1	0	1	0
CO303.4	3	1	1	1	1	1	1	0	1	0
CO303.5	3	1	3	2	2	3	2	2	1	0
	2.60	1.40	2.60	1.20	2.00	2.00	1.20	1.50	1.00	0.00

Subject Name		COMMUNICATION SKILLS
Course Code		B.VOC. 304
CO Code	CO	Course Outcomes
CO304.1	CO1	Students must be able to infer learner skills of critical appreciation and analysis of design.
CO304.2	CO2	Analysis and describe interior work carried out any professional designer
CO304.3	CO3	Preparing and presenting verbal explanation on his own design and concept.
CO304.4	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO304.1	3	2	3	2	3	0	2	2	0	0
CO304.2	3	3	1	2	3	0	2	2	0	0
CO304.3	2	3	1	2	2	0	2	2	0	0
CO304.4										
	2.67	2.67	1.67	2.00	2.67	0.00	2.00	2.00	0.00	0.00

Subject Name		I.D.R.S.
Course Code		B.VOC. 305
CO Code	CO	Course Outcomes
CO305.1	CO1	To produce 2D drawings and models using drafting tools of draw and modify in AutoCAD.
CO305.2	CO2	To create plans, sections, elevations incorporating layers, line weights, texts, scale, and dimensions.
CO305.3	CO3	To format the drawings and plot the same on a particular scale on the required size of paper.
CO305.4	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO305.1	3	1	3	2	2	1	0	0	0	0
CO305.2	3	1	3	2	2	1	0	0	0	0
CO305.3	3	1	3	2	2	0	0	0	0	0
CO305.4										
	3.00	1.00	3.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00

Subject Name		E.V.S.
Course Code		B.VOC. 306
CO Code	CO	Course Outcomes
CO306.1	CO1	To understand the effect of climate on human shelter and environment, study geographic & climatic zones along with human comfort conditions.
CO306.2	CO2	To understand and identify properties of materials and heat transfer.
CO306.3	CO3	To understanding water conservation and its importance through Reduce, Reuse and Recycle.
CO306.4	CO4	To understand and analyse lighting design and energy usage and conservation through daylighting in traditional and contemporary practices.
CO306.5	CO5	To understand, analyse and critique concepts of sustainability and green rating systems (policy, regulatory frameworks, and case study)

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO306.1	3	3	1	1	2	1	0	1	1	0
CO306.2	3	3	1	1	2	1	0	1	0	0
CO306.3	3	3	0	1	1	2	0	2	0	0
CO306.4	3	3	0	1	1	2	0	2	0	0
CO306.5	1	3	2	1	3	3	0	1	0	0.00
	2.60	3.00	1.33	1.00	1.80	1.80	0.00	1.40	1.00	0.00

Subject Name		I.M.P.
Course Code		B.VOC.307
CO Code	CO	Course Outcomes
CO307.1	CO1	Students must be able to infer the various Materials and techniques used for water-proofing
CO307.2	CO2	Students must be able to prepare the planning Outdoor and infrastructural products used as substitutes in today's times.
CO307.3	CO3	Students should be able to distinguish between different types of Thermal insulating materials and their applications.
CO307.4	CO4	
CO307.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO307.1	3	1	3	3	0	0	1	0	0	0
CO307.2	3	1	3	3	0	0	1	0	0	0
CO307.3	3	1	3	3	0	0	1	0	0	0
CO307.4										
CO307.5										
	3.00	1.00	3.00	3.00	0.00	0.00	1.00	0.00	0.00	0.00

Subject Name		INTERIOR DESIGN
Course Code		B.VOC. 308
CO Code	CO	Course Outcomes
CO308.1	CO1	To classify space requirements for planning of Hospitality spaces and commercial environment with clear understanding and application of functionality, space usage.
CO308.2	CO2	To identify use of contemporary materials, construction techniques and advanced services required for the design project.
CO308.3	CO3	To create spaces suitable for the for multiple activities, spaces as per the behavioural needs of individuals and groups
CO308.4	CO4	
CO308.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO308.1	2	1	3	2	2	2	2	2	1	0
CO308.2	1	1	2	3	2	3	2	2	1	0
CO308.3	3	2	2	3	2	3	1	2	1	0
CO308.4										
CO308.5										
	2.00	1.33	2.33	2.67	2.00	2.67	1.67	2.00	1.00	0.00

Subject Name		INTERIOR DESIGN
Course Code		B.VOC. 401
CO Code	CO	Course Outcomes
CO401.1	CO1	To examine user requirements, design intent and context through research.
CO401.2	CO2	To research and relate the findings to the space, through study of site and planning interior spaces related to commercial activity with use of eco friendly materials and practices
CO401.3	CO3	To design and plan the space and devise the learning.
CO401.4	CO4	To demonstrate the learning by drafting and planning and explores application of advanced knowledge to materials used, construction techniques, modular furniture, and services.
CO401.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO401.1	1	2	1	3	2	1	2	1	2	0
CO401.2	3	2	1	3	2	2	2	1	2	0
CO401.3	2	1	3	2	2	3	2	3	2	0
CO401.4	2	1	2	1	1	3	3	3	2	0
CO401.5										
	2.00	1.50	1.75	2.25	1.75	2.25	2.25	2.00	2.00	0.00

Subject Name		CONSTRUCTION
Course Code		B.VOC. 402
CO Code	CO	Course Outcomes
CO402.1	CO1	To equip with advanced partition system in metal and glass which can provide sound and thermal insulation.
CO402.2	CO2	To examine different types of false ceiling systems.
CO402.3	CO3	To explain the concept of raised flooring systems.
CO402.4	CO4	
CO402.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO402.1	3	1	3	3	1	3	0	0	2	0
CO402.2	3	1	3	3	1	3	0	1	2	0
CO402.3	3	1	3	3	1	3	0	1	2	0
CO402.4										
CO402.5										
	3.00	1.00	3.00	3.00	1.00	3.00	0.00	1.00	2.00	0.00

Subject Name		SERVICES
Course Code		B.VOC. 403
CO Code	CO	Course Outcomes
CO403.1	CO1	Correlate with illumination standards, energy codes, artificial lighting design and lighting power density
CO403.2	CO2	Differentiate the types of illuminations & lighting systems for malls and displays.
CO403.3	CO3	Discover daylight integrated lighting systems, timers, and sensors.
CO403.4	CO4	
CO403.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO403.1	3	3	3	1	1	2	1	0	2	0
CO403.2	3	1	3	1	2	3	0	0	2	0
CO403.3	2	2	3	1	1	2	0	0	2	0
CO403.4										
CO403.5										
	2.67	2.00	3.00	1.00	1.33	2.33	1.00	0.00	2.00	0.00

Subject Name		COMMUNICATION SKILLS
Course Code		B.VOC. 404
CO Code	CO	Course Outcomes
CO404.1	CO1	Students must be able to explain sentences paragraph function paragraph summary, information text etc
CO404.2	CO2	Students must be able to develop effective communication in context to interior design profession.
CO404.3	CO3	Developing public speaking skills.
CO404.4	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO404.1	3	2	3	2	2	0	2	2	0	0
CO404.2	3	3	2	2	2	0	2	2	0	0
CO404.3	3	3	2	2	2	0	2	2	0	0
CO404.4										
	3.00	2.67	2.33	2.00	2.00	0.00	2.00	2.00	0.00	0.00

Subject Name		I.D.R.S.
Course Code		B.VOC. 405
CO Code	CO	Course Outcomes
CO405.1	CO1	To extend the learning of the 2D & 3D software by adding rendering materials, creating shades and shadows in the interior views.
CO405.2	CO2	To develop 3D interior views using all the tools of Revit and prepare presentation floor plans for the brochures using photoshop.
CO405.3	CO3	To plot the rendered drawings in the given scale having required line weights, colour tones and textures.
CO405.4	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO405.1	3	2	2	2	2	1	1	0	0	0
CO405.2	3	2	2	2	3	0	2	0	0	0
CO405.3	3	2	2	2	3	0	2	0	0	0
CO405.4										
	3.00	2.00	2.00	2.00	2.67	1.00	1.67	0.00	0.00	0.00

Subject Name		PROFESSIONAL PRACTICE
Course Code		B.VOC. 406
CO Code	CO	Course Outcomes
CO406.1	CO1	To understand the professional role, responsibilities, duties, liabilities of an Interior Designer
CO406.2	CO2	To understand the concept of estimation, costing & rate analysis with its components.
CO406.3	CO3	To list various methods of estimation, costing and rate analysis.
CO406.4	CO4	
CO406.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO406.1	3	2	1	2	2	1	2	1	1	2
CO406.2	3	2	1	2	2	1	2	1	1	2
CO406.3	2	2	1	2	2	3	2	3	1	2
CO406.4										
CO406.5										
	2.67	2.00	1.00	2.00	2.00	1.67	2.00	1.67	1.00	2.00

Subject Name		ELECTIVE
Course Code		B.VOC. 407
CO Code	CO	Course Outcomes
CO407.1	CO1	To understand the inter relation between interior design and set design.
CO407.2	CO2	To observe and correlate furniture design with current trends.
CO407.3	CO3	To represent case studies of famous sets, Documentation, site visits, documentation through text, photography, drawings, computers, etc.
CO407.4	CO4	To create space for a reality show of small groups and minor activities with reference to furniture, backdrop, and user requirements.
CO407.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO407.1	3	0	2	0	2	0	2	0	1	0
CO407.2	3	0	2	0	3	1	2	0	1	0
CO407.3	3	0	2	0	3	0	2	1	1	0
CO407.4	2	3	1	0	2	0	0	1	1	0
CO407.5										
	2.75	3.00	1.75	0.00	2.50	1.00	2.00	1.00	1.00	0.00

Subject Name		WORKING DRAWING
Course Code		B.VOC. 408
CO Code	CO	Course Outcomes
CO408.1	CO1	To equip with the skills necessary to produce precise measurement plans that depict the interior furniture of their sem. III and sem. IV design project.
CO408.2	CO2	To create detailed drawings of elevation and sectional views as needed, providing a clear understanding of the interior wall appearance and panelling details emphasizing key design elements and material specifications for a residential project.
CO408.3	CO3	To create working drawings of all the proposed furniture of the residential project of their previous semesters.
CO408.4	CO4	To create furniture detailed plans that showcase the length, height, and width of the elements of furniture ensuring accuracy and clarity in design documentation.
CO408.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO408.1	3	0	3	2	3	2	1	3	1	1
CO408.2	3	0	3	2	3	2	1	3	1	1
CO408.3	3	0	3	2	3	2	1	3	1	1
CO408.4	3	0	3	2	3	2	1	3	1	1
CO408.5										
	3.00	0.00	3.00	2.00	3.00	2.00	1.00	3.00	1.00	1.00

COURSE OUTCOME

BACHELOR OF VOCATIONAL STUDIES

THIRD YEAR

Subject Name		DESIGN DISSERTATION
Course Code		B.VOC. 501
CO Code	CO	Course Outcomes
CO501.1	CO1	To identify and illustrate factors on users requirements.
CO501.2	CO2	To apply the technical knowledge to design detailing,
CO501.3	CO3	To observe and classify site condition, site analysis and planning.
CO501.4	CO4	To integrate required Interior detailing, services, and amenities
CO501.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO501.1	2	1	2	1	1	3	3	3	2	1
CO501.2	3	1	2	3	1	3	2	3	2	1
CO501.3	2	2	3	3	2	0	1	2	2	1
CO501.4	2	1	3	3	1	3	1	3	2	1
CO501.5										
	2.25	1.25	2.50	2.50	1.25	3.00	1.75	2.75	2.00	1.00

Subject Name		WORKING DRAWING
Course Code		B.VOC. 502
CO Code	CO	Course Outcomes
CO502.1	CO1	To equip with the skills necessary to produce precise measurement plans that depict the interior furniture of their sem. V and sem. VI design project.
CO502.2	CO2	To create detailed drawings of plan, elevation and sectional views as needed, providing a clear understanding of the interior design for differently abled.
CO502.3	CO3	To create working drawings of all the proposed furniture of the commercial project of their previous semesters.
CO502.4	CO4	To create furniture detailed plans that showcase the length, height, and width of the elements of furniture ensuring accuracy and clarity in design documentation.
CO502.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO502.1	3	0	3	2	3	2	1	3	2	1
CO502.2	3	0	3	2	3	2	1	3	2	1
CO502.3	3	0	3	2	3	2	1	3	2	1
CO502.4	3	0	3	2	3	2	1	3	2	1
CO502.5										
	3.00	0.00	3.00	2.00	3.00	2.00	1.00	3.00	2.00	1.00

Subject Name		SERVICES
Course Code		B.VOC. 503
CO Code	CO	Course Outcomes
CO503.1	CO1	To produce the layouts of different types of communication like telephone systems, data systems and security systems.
CO503.2	CO2	To equip with skill of designing active firefighting systems in layout on basis of prescribed norms of NBC
CO503.3	CO3	To understand the basic planning and working of lifts, escalators & conveyor belts.
CO503.4	CO4	
CO503.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO503.1	2	1	3	1	3	2	1	1	2	1
CO503.2	3	2	3	1	2	2	1	0	2	1
CO503.3	3	2	3	1	2	2	1	0	2	1
CO503.4										
CO503.5										
	2.67	1.67	3.00	1.00	2.33	2.00	1.00	1.00	2.00	1.00

Subject Name		RESEARCH METHODOLOGY
Course Code		B.VOC. 504
CO Code	CO	Course Outcomes
CO504.1	CO1	To identify and interpret various challenges and formulate design gaps in the industry through readings and discussions
CO504.2	CO2	To illustrate the findings from the research of the previous semester onto the design component.
CO504.3	CO3	To plan and experiment through illustrations to derive interior design solutions.
CO504.4	CO4	To perform experiments, demographic mapping, surveys, and case studies to identify design research topic

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO504.1	3	3	2	2	3	1	0	0	1	1
CO504.2	3	3	2	2	3	1	0	0	1	1
CO504.3	3	3	2	3	3	1	0	0	1	1
CO504.4	3	3	2	3	3	1	0	0	1	1
	3.00	3.00	2.00	2.50	3.00	1.00	0.00	0.00	1.00	1.00

Subject Name		I.D.R.S.
Course Code		B.VOC. 505
CO Code	CO	Course Outcomes
CO505.1	CO1	To extend the learning of the 3D software by adding Vray like extensions, creating realistic interior views of residential and commercial projects.
CO505.2	CO2	To apply the knowledge gained in the previous semester to the current design dissertation project and present the whole portfolio in the current assessment.
CO505.3	CO3	To plot the rendered drawings in the given scale having required details for execution of the same.
CO505.4	CO4	
CO505.5	CO4	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO505.1	3	1	2	2	3	3	1	2	0	0
CO505.2	3	1	2	2	3	3	1	2	0	0
CO505.3	3	1	2	2	3	3	1	2	0	0
CO505.4										
CO505.5										
	3.00	1.00	2.00	2.00	3.00	3.00	1.00	2.00	0.00	0.00

Subject Name		PROFESSIONAL PRACTICE
Course Code		B.VOC. 506
CO Code	CO	Course Outcomes
CO506.1	CO1	To equipped with knowledge and skills needed such as management of office along with current practices.
CO506.2	CO2	To define tender and its types and draft bar charts and Gantt charts based on CPM and PERT method.
CO506.3	CO3	To understand codes of conduct required to enhance skills and techniques of managing small and large scale residential and commercial interior projects.
CO506.4	CO4	
CO506.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO506.1	3	3	1	2	2	1	1	3	2	3
CO506.2	3	3	1	2	2	2	2	3	2	3
CO506.3	3	3	1	2	2	1	2	3	2	3
CO506.4										
CO506.5										
	3.00	3.00	1.00	2.00	2.00	1.33	1.67	3.00	2.00	3.00

Subject Name		ELECTIVE
Course Code		B.VOC. 507
CO Code	CO	Course Outcomes
CO507.1	CO1	To identify and illustrate impact of socio-economic factors on users requirements for the set design
CO507.2	CO2	To apply the technical knowledge to design detailing for all the elements and furniture for set design.
CO507.3	CO3	To create space for a reality show of small groups and minor activities with reference to furniture, backdrop, and user requirements.
CO507.4	CO4	
CO507.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO507.1	3	0	1	2	1	0	0	1	0	0
CO507.2	3	0	3	2	1	0	1	2	0	0
CO507.3	3	3	2	1	2	0	0	3	0	0
CO507.4										
CO507.5										
	3.00	3.00	2.00	1.67	1.33	0.00	1.00	2.00	0.00	0.00

Subject Name		PROFESSIONAL PRACTICE
Course Code		B.VOC. 601
CO Code	CO	Course Outcomes
CO601.1	CO1	To understand the role of an Interior Designer with the discipline of the organizations
CO601.2	CO2	To learn to deal with clients, take measurements of the site and prepare Interior layouts according to the client requirements.
CO601.3	CO3	To understand the execution of their design on site.
CO601.4	CO4	
CO601.5	CO5	

Course Outcomes (CO)	Program Outcomes (PO)								PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO601.1	3	3	1	2	2	1	1	3	3	3
CO601.2	3	3	1	2	2	1	1	3	3	3
CO601.3	3	3	1	2	2	1	1	3	3	3
CO601.4										
CO601.5										
	3.00	3.00	1.00	2.00	2.00	1.00	1.00	3.00	3.00	3.00