


I.E.S COLLEGE OF ARCHITECTURE		
Programme Outcomes (POs) of B.Arch Programme Defined by IESCOA		
	Programme Outcomes (Pos)	Interpretation/ Explanation
PO 1	Possess 'Vocational Skills' which include the technical, design & communication skills required to enable the students to conceptualise, develop, & present a comprehensive architectural project	<ol style="list-style-type: none"> 1. Graphical vocabulary of art & architecture 2. Communication vocabulary/ lexicon 3. Space modulation thro model making process 4. Digital Competency: architectural design softwares, presentation softwares, advance applications like VR, BIM and Parametric Design 5. Core understanding of structural systems and their application into design 6. Construction materials, techniques, practices and management. 7. Understanding building services & environmental systems 8. Understanding building systems integration in different types/ scales of projects 9. Understanding the context, site & climate and deriving appropriate design strategies in response to these. 10. Study of sustainable design practices 11. Basic understanding of urbanism, landscape, ecology, environment and other allied fields
PO 2	Possess 'Professional Skills' that empower the students with professional knowledge, make them aware of their professional role & responsibilities and enable them to demonstrate a reiterative, reflective & responsive approach to design.	<ol style="list-style-type: none"> 1. Response to tangible & intangible aspects of physical, social & environmental context 2. Theoretical discourse through design 3. Developing critical & reflective design sensibilities 4. Understanding global trends & practices 5. Understanding the professional responsibilities, legal responsibilities, administrative role and professional ethics 6. Ability of project estimation & management
PO 3	Demonstrate the ability of 'Critical/ Reflective Thinking' that enables the students to think, argue, analyze and synthesize without a pre-meditated 'end'. The exposure to cultural & theoretical discourses, history and humanities enable the students to conduct research, discuss, opine & argue in scholarly manner.	<ol style="list-style-type: none"> 1. Responsive Design Thinking 2. Textual logical and original work such as research paper/ research documentation 3. Dissertation/ Thesis to demonstrate the ability to make a cogent scholarly argument relating to architecture, settlement, culture, environment. theory and design. 4. Design Dissertation to demonstrate the ability to make a cogent scholarly argument relating to architecture, settlement, culture, environment and theory and its culmination into design.
PO 4	Imbibe 'Ethical Sensibilities' which develop an attitude to act in the interest of the larger good, to understand the role of an architect in society and makes them aware of their responsibilities towards social, cultural, environmental and sustainability concerns.	<ol style="list-style-type: none"> 1. Respecting human needs, diversity, behavioural patterns, social concerns & cultural Values 2. Focus user group study 3. Accessibility concerns 4. Environmental sustainability & ecologically appropriate building practices
PO 5	Broadened vision towards 'Diversified Practices and Disciplines', nurturing an enterprising attitude and entrepreneurship.	<ol style="list-style-type: none"> 1. Courses in creative writing, poetry, script writing, dramatics 2. Proficiency and exposure to allied disciplines & practices such as urban conservation, built & natural heritage conservation, archaeology 3. Courses and workshops focussing of creative arts like, pottery, origami, product design, lighting design, stage design, photography, film appreciation, book making etc. 4. Extra curricular activities promoting innovation & entrepreneurship.
PO 6	Possess 'Soft Skills & Life Skills' (personal & interpersonal skills) which create awareness about self and relationships with other people, contribute to personality enrichment and help developing a responsible & well rounded individual.	<ol style="list-style-type: none"> 1. Skills enabling to take informed decisions 2. Ability to form & express opinions 3. Effective communication 4. Ability to building healthy relationships, empathise with others 5. Ability to respect peer views 6. Ability to collaborate & work effectively in groups 7. Resilience 8. Leadership qualities 9. Effective time management

I.E.S. COLLEGE OF ARCHITECTURE									
SEMESTER 1, FIRST YEAR B.ARCH: CO - PO CORRELATION MATRIX									
SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Matrix - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO Mapping
								At the end of the Course, the students will be able to -	
SEMESTER 1	101 Architectural Design Studio	3			3			CO1 Understand the human body in space with the help of Anthropometric study.	2.71
		3		2	3			CO2 Study activities and their relationship with spaces, Scales and proportions to develop a visual language and vocabulary.	
			3	2				CO3 Appreciate/ analyse architects and their works, Buildings, practices, site visits, Interaction with practicing Architects.	
	102 Allied Design Studio	3		2				CO1 Understand geometry through series of exercises to study - Line, Dot, Curve, Surfaces, Solids, Colour, Texture and Patterns	2.83
		3		3				CO2 Understand & apply principles and elements of design with modular exercises.	
		3		3				CO3 Understand concept of abstraction and its correlation in 2 Dimensional and 3 Dimensional geometries and their application in design process.	
	103 Architectural Building Construction & Materials	3	2					CO1 Understand elements of building and construction methodology for Substructure & Superstructure	2.5
		3	2					CO2 Understand the role of building elements, construction built form & building practice	
		3	2	2				CO3 Understand the concepts of load bearing structures & frame structures	
		3	2	3				CO4 Understand contextual relevance of building materials, properties & uses of various natural and artificial materials	
		2		3				CO5 Prepare building construction drawings, details & models	
	104 Theory & Design of Structures	2	3		3	3		CO1 Understand how construction materials resist gravity	2.42
		2	3		2	2		CO2 Cultivate an instinctive grasp of simply supported beams – as they facilitate load transfer through their support reactions	
		2	3		2	2		CO3 Nurture the capacity to instinctively sense and comprehend the dynamics of structures, empowering architects to cultivate an inherent	
	105 Humanities	2			3			CO1 Demonstrate an understanding of relating the Humanities to the built environments.	2.67
				3				CO2 Understand and apply the systems of knowledge	
	106 Environmental Studies				3			CO1 Understand the concepts of environmental concerns and impacts of built forms on surroundings.	2.5
		2						CO2 Understand various tools, techniques and methods to mitigate impacts on the environment.	
				3				CO3 Learn to address the environmental concerns in design process.	
				3	2			CO 4 Understand the relationship between Natural environment and Built Environment	
		2			3			CO 5 Develop understanding about Natural resources Forest resources, Water resources, Mineral resources, Food resources, Energy resources, Land	
	107 Architectural Representation & Detailing	3					3	CO1 Understand graphics, imbibe Studio work culture and learn to use drafting instruments and drafting methods	2.85
		3						CO2 Understand the principles of plane geometry & solid geometry orthography.	
		3						CO3 Understand the importance of line intensities, line weights	
		3				3		CO4 Understand the techniques of Assemblage - cutting, joining, shaping Materials and media installations assembly	
		2						CO5 Acquire knowledge about Introduction basic computer applications like Word processing, spreadsheets, Slide presentations and raster based	
	120 College Projects	2						CO1 Get exposure of supplementary course work to advance the knowledge in the core subjects in the syllabus, Upgrade knowledge base	2.75
		3				3		CO2 Experiment with hands- on activities like material handling & Basics of rule based geometry	
							3	CO3 Participate & Perform effectively in group activities	
	121 Elective	2				3		CO1 Get an overview of co-curricular/extra curricular subjects.	2.5
		2				2		CO2 Acquire skills related to the co-curricular/extra curricular subject	

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SEMESTER 3, SECOND YEAR B.ARCH: CO - PO CORRELATION MATRIX									
SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Matrix - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO Mapping
SEMESTER 3	At the end of the Course, the students will be able to -								
	301 Architectural Design Studio	3		2	2			CO1 Understand the co-relation between form & function through explorative design processes.	2.7
		3						CO2 Formulate architectural responses to context, site conditions & climate.	
		2		3	3			CO3 Conceptualise architectural spaces & forms as per the behavioral needs of users through user profile analysis and case studies.	
		3	3					CO4 Develop design with respect to construction techniques and basic services.	
		3						CO5 Develop skills of graphical and verbal communication using various mediums.	
	302 Allied Design Studio	2		3			2	CO1 Design interior spaces through the explorative design strategies like conceptual thinking, thematic studies, materiality, details and drawings.	2.4
			2	3		3	2	CO2 Understand the interdependency of interior and exterior detailing in a residential and urban context.	
	303 Architectural Building Construction	3	3	2				CO 1 Understand the concept of construction system	2.57
		3	3	2				CO 2 Acquire detailed understanding of the materials and their behavior involved in the construction system	
		3	3	3	2			CO 3 Learn the design, detailing and construction methodology of the construction system	
		2	2	3	3			CO 4 Acquire ability of preparing construction drawings and details of the construction system	
		2	2	3	3			CO 5 Acquire knowledge and skills related to practical execution of the concerned construction system.	
	304 Theory & Design of Structures	2	3	2		2		CO1 Understand Structural behavior of materials per prescribed semester syllabus	2.25
		2	3	2		2		CO2 Understand material's load transfer through their internal components and forces per prescribed semester syllabus	
		2	3	2		2		CO3 Comprehend the dynamics of structures, empowering architects to give approximate sizes of structural building components	
	305 Humanities	3		2	3			CO1 Understand the impact of the social, cultural, political and religious circumstances on the built environment with respect to the global	2.8
		3		3				CO2 Acquire knowledge about styles and elements of architecture from early, middle to modern ages in Europe.	
	306 Environmental Studies	2	2			3		CO1 Understand the concepts of environmental concerns and impacts of built forms on surroundings.	2.5
		2	2			3		CO2 Understand various tools, techniques and methods to mitigate impacts on	
		3	3	2		3		CO3 Learning to address the environmental concerns in terms of design and policy making.	
	307 Architectural Representation & Detailing	3	2					CO 1 Learn to use and implement the tools for architectural representation	2.67
		3						CO 2 Learn the quantification of architectural aspects	
		3						CO 3 Acquire the understanding and implementation of specifications of architectural aspects	
			2				3	CO 4 Learn to incorporating and implement various communication skills of architectural representation	
	308 Building Services 1	3		2		3		CO 1 Understand the Use, Need & Importance of the systems in a built environment	2.52
		3	2			2		CO 2 Understand the Theoretical framework of the system such as components, types, sub-types & their functions	
		3	3			2	3	CO 3 Acquire practical knowledge related to the system (Market study, Brands, costing, innovations etc.)	
		3	3		2	3		CO 4 Acquire necessary knowledge and skills for efficient designing & implementation of the system in the built environment.	
		3	2	2	2	3		CO 5 Implement the knowledge of space planning of toilets, water supply, drainage for any given type of project.	

SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Matrix - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO Mapping
SEMESTER 3	309 Architectural Theory	3		2	2			CO1 Understand and comprehend ideas in architecture through readings and writings in architecture.	2.22
		3						CO2 Appreciate architecture as the development of changing ideas over time, and as the representation of their particular time and context.	
		2						CO3 Become familiar with and improve comprehension about architecture using theoretical texts and architectural criticism.	
	320 College Projects	2		2		3	2	CO1 Encourage mixed group participation of students from different years, or may be dedicated to any one class, within the college	2.25
		2		2		3	2	CO2 Upgrade and be able to use the supplement coursework to advance the knowledge in the core subjects in the syllabus.	
	321 Elective	2				3		CO1 Get an overview of co-curricular/extra curricular subjects	2.5
		2				3		CO2 Acquire skills related to the co-curricular/extra curricular subject	
								At the end of the Course, the students will be able to -	

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SEMESTER 5, THIRD YEAR B.ARCH: CO - PO CORRELATION MATRIX									
SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Matrix - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO Mapping
SEMESTER 5	At the end of the Course the students will be able to -								
	501 Architectural Design Studio	2	3	2	2		3	CO 1 Understand and interpret the cultural, historic, social and/or ecological values of an urban/semi-urban context.	2.77
		3	3	3	3		3	CO 2 Formulate architectural responses to context, program, user and climate.	
			2	3	3			CO 3 Analyze and design Architectural Forms corresponding to diverse functions	
		3	3	3	3		2	CO 4 Develop composition and placemaking skills for grouping spaces corresponding to various activities	
		3	3				3	CO 5 Develop detailing of the design with respect to construction systems, services, etc.	
	BARC 502 Allied Design Studio 5			3	3			CO 1 Understand and Analyze the relationship of built and unbuilt environments within the larger context and the associations embedded in	2.75
		3	2				2	CO 2 Comprehend scale, proportions, textures in outdoor spaces	
		3	3				2	CO 3 Represent Elements in Landscape Design	
		3	3	3	3			CO 4 Develop an understanding of various approaches toward Site Planning for different typologies of projects	
	BARC 503 Architectural Building Construction 5	3			2			CO 1 Comprehend detailed aspects of building elements like cladding, and curtain wall systems, canopies taking into account both functional and	2.6
		3						CO 2 Develop an innate comprehension of the construction blueprints (drawings) portraying advanced RCC elements like retaining walls and	
			3	2				CO 3 Foster an appreciation for the significance of technical knowledge and its practical application in the professional role of an architect	
	BARC 504 Theory & Design of Structures 5	3	2	3	2			CO1 Understand basic principles of designing steel connections	2.58
		3	2	3	2			CO2 Develop an intuitive grasp of load distribution within a steel structure and completing rudimentary structural designs of steel structure components such as beams, columns, base plates etc	
		3	3	3	2			CO3 Foster an appreciation for the significance of technical knowledge and its practical application in the professional role of an architect	
	BARC 505 Humanities 5	3		2	2			CO 1 Understand the influence of Art movement on architecture during and after wars	2.57
		3		3				CO 2 Understand the philosophical influence Architecture and on Architects through time	
		2		3				CO 3 Understand regionalism and its influence on architects	
	BARC 507 Architectural Representation & Detailing 5	3	3					CO 1 Understand aim, object, scope, importance & need of Quantity Surveying & Estimating	2.75
		3	2					CO 2 Understand different type and methods of Estimation	
		3	3					CO 3 Understand Work Breakdown Structure & methods of taking out Rate Analysis of items in construction	
		3	2					CO 4 Understand need, method, classification, organization, & language of the specification	
	BARC 508 Architectural Building Services 3	3		2	3			CO 1 Understand the Use, Need & Importance of the systems in a built environment	2.66
		3	2		2			CO 2 Understand the Theoretical framework of the system such as components, types, sub-types & their functions	
		3	3		2			CO 3 Acquire practical knowledge related to the system (Market study, Brands, costing, innovations etc.)	
		3	3		3			CO 4 Acquire necessary knowledge and skills for efficient designing & implementation of the system in the built environment.	
	BARC 509 Architectural Theory 3			3	3			CO 1 Understand the fundamentals of theoretical architectural research, its objectives and essential methodologies.	2.55
				3	3		2	CO 2 Develop an attitude of critical thinking including the various attributes for and against it.	
			2	3	2		2	CO 3 Understand and build a Data collection to be able to critically analyze and evaluate the same.	

SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Matrix - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO Mapping
SEMESTER 5	BARC 520 College Projects 5				3		3	CO1 At the end of the Course the students will be able to - Develop sensitivity towards human engagements and aspirations via conversations and interviews.	2.76
					3	2		CO2 Observe human engagements and behaviours via sketches and photography	
		3		3	3		3	CO3 Express human engagements and behaviours via short essays and write ups.	
					3			CO4 Understand people as essential part of a place.	
		3		3	2		2	CO5 Write and design an article supporting it with images.	
	BARC 521 Elective 5	2				3		CO 1 Get an overview of a co-curricular/extra curricular subject	2.5
		2				3		CO 2 Acquire skills related to the co-curricular/extra curricular subject	

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SEMESTER 7, FOURTH YEAR B.ARCH : CO - PO CORRELATION MATRIX

SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Hierarchy - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO MAPPING
SEMESTER 7	701 Architectural Design Studio	2	3	2	2			CO1 Understand typologies of housing in Urban Areas.	2.47
		2	3	2	2			CO2 Understand quantitative and qualitative aspects of mass housing	
		2	3	2	3			CO3 Understand user aspirations and user affordability	
		2	3	3	2			CO4 Develop an architectural response to the context, program, user and climate.	
		3	3	3				CO5 Detailing of the design with respect to construction systems, services and other required infrastructures.	
	702 Allied Design Studio 6	3	3	2	3			CO1 Understand and Analyse qualitative aspects of various urban conditions in the city	2.8
		3	2					CO2 Document and Map urban conditions with application of relevant seminal urban theories	
				3			3	CO3 Develop inter disciplinary and sensitive approach toward urban conditions, thus informing Architecture Design	
				3	3			CO4 Formulate opinion & take ethical positions on various social, cultural, economical and political setup that affects functioning of the cities	
	703 Architectural Building Construction 7	2	3					CO1 Understand the concept of construction system per prescribed syllabus in semester	2.8
		2	3	3				CO2 Learn the design, detailing and construction methodology of the construction system per prescribed syllabus in semester	
		3	3					CO3 Acquire ability of preparing construction drawings and details of the construction system per prescribed syllabus in semester	
		3	3	3				CO4 Acquire knowledge and skills related to practical execution of the concerned construction system.	
	704 Theory & Design of Structures 7	3	3	2	2			CO1 Acquire knowledge about the theoretical and practical principles of structural design for high-rise buildings, with a focus on wind and seismic	2.81
		3	3	3				CO2 Obtain grasp of the design and analysis of retaining walls, pile foundations, and various types of footings within the structural system	
		3	3					CO3 Understand material's load transfer through their internal components and forces per prescribed semester syllabus	
		3	3	3				CO4 Understand Structural behavior of materials per prescribed semester syllabus	
		3	3	3	2			CO5 Comprehend the dynamics of structures, empowering architects to give approximate sizes of structural building components	
	707 Architectural Building Services 5	3	3					CO1 Understand the Use, Need & Importance of Advance ventilation Systems in a built environment	2.8
		3	3					CO2 Understand the Theoretical framework of the system such as components, types, sub-types & their functions	
		3	3					CO3 Acquire practical knowledge related to the system (Market study, Brands, costing, innovations etc.)	
		2	3	3	2			CO4 Acquire necessary knowledge and skills for efficient designing & implementation of the system in the built environment.	
	708 Representation & Detailing 7	3						CO1 Acquire skill to use and implement advance tools for architectural representation	2.6
		2	3					CO2 Acquire knowledge about the quantification of architectural aspects	
			3	2				CO3 Acquire the understanding about the specifications of architectural aspects, their importance & application	
	710 Professional Practice 1	3	3		3		2	CO1 Understand the importance Professional Practice in Architecture, study of responsibilities of Architects concerning the profession and various	2.8
			3					CO2 Understand various professional bodies related to the architecture profession & act to regulate the role of Architects.	
			3				3	CO3 Understand the running of an Office of Architecture, various nature of partnerships, Architectural Services that can be provided, Scale of Fees,	
		2	3		3			CO4 Understand the various terminologies in Contracts, Tenders and other means of securing a project.	

SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO-PO Correlation Hierarchy - 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO MAPPING
SEMESTER 7	720 College Projects 7			3	3	3	2	CO1 Understand the role of research and research methods in Architecture	2.64
			2	3	3	3	2	CO2 Identify a subject of research interest and formulate research questions within the same	
			2	3	3	3	2	CO3 Draft a complete research proposal with methodology, research frameworks, literature review, aims and objectives, scope and limitations	
	721 Elective 7	2				3		CO1 Get an overview of a co-curricular/extra curricular subject	2.5
		2				3		CO2 Acquire skills related to the co-curricular/extra curricular subject	

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SEMESTER 9, FIFTH YEAR B.ARCH: CO - PO CORRELATION MATRIX

SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO - PO Correlation Hierarchy 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation	
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives	CO-PO Mapping
SEMESTER 9	901 Architectural Design Studio 8	3	3	3	2		3	CO1 Comprehend the project typology with it's specific demands and conduct appropriate pre design studies and research.	2.8
		3	3	3	3		3	CO2 Formulate architectural responses to context, program, users and climate.	
		2	3	3	3		2	CO3 Analyse and design architectural forms corresponding to diverse functions.	
		2	3	3	2		3	CO4 Develop the design adopting appropriate construction systems, services and other required infrastructures.	
	902 Allied Design Studio 8	3	3					CO1 Understand Planning Systems Hierarchy, Legal Framework, objectives, procedure and methodology of Urban & Regional Planning in India	2.81
		3			3			CO2 Understand the evolution and timeline of Urban Planning developments in the world and learn about future responsibilities of planners to	
		3	2	2			3	CO3 Learn about traditional & contemporary planning theories and their application thro case studies and planning exercises	
		3	3	3			3	CO4 Aquire knowledge about mapping techniques & map interpretation, use of advance softwares & applications for mapping, data collection &	
		2	3		3			CO5 Become aware of urban issues of Indian cities, Govt. policies & initiatives	
	903 Architectural Building Construction 8	2	3	2		2		CO1 Understand the concept of construction system per prescribed syllabus in semester	2.8
		2	3	2		2		CO2 Understand the concept of construction system per prescribed syllabus in semester	
		2	3	2		2		CO3 Learn the design, detailing and construction methodology of the construction system per prescribed syllabus in semester	
		2	3	3		2		CO4 Acquire ability of preparing construction drawings and details of the construction system per prescribed syllabus in semester	
		3	3	3		3		CO5 Acquire knowledge and skills related to practical execution of the concerned construction system.	
	904 Theory & Design of Structures 8	2	3	2		2		CO1 Understand concept of long-span structures and apply long-span structures to professional projects depending upon individual project	2.31
		2	3	2		2		CO2 Understand Structural behavior of materials per prescribed semester syllabus	
		2	3	2		2		CO3 Understand material's load transfer through their internal components and forces per prescribed semester syllabus	
		2	3	3		2		CO4 Comprehend the dynamics of structures, empowering architects to give approximate sizes of structural building components	
	906 Environmental Studies 4	3	2	2	3	2	2	CO1 Understand concepts for ecological footprints & urban sustainability.	2.44
		3	2	2	3	2	2	CO2 Aquire knowledge about systems/solutions to make building energy & water efficient.	
		3	3	3	3	2	2	CO3 Learn application of different norms from National building codes, ECBC, for sustainability, & study different rating systems and their applications	
	908 Architectural Building Services	3	3	3	2			CO1 To review all type of possible services in architectural project and to decide the appropriate applications	2.58
		2		2				CO2 Understand and propose BMS system	
		3	3	3	2			CO3 Calculate/ assess Water requirements, tentative Electrical Loads, Septic tank calculations, solar system planning etc	
	910 Professional Practice 2	3	2	2	2			CO1 Understand the various legal terms, regulations and norms in the architectural practice in India	2.2
		3	2	2	2	2		CO2 Become aware of Management aspects in architecture practice to make them industry ready	

SEMESTER	Program Outcomes →	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	CO - PO Correlation Hierarchy 3: High Correlation, 2: Moderate Correlation, 1: Low Correlation		CO-PO Mapping
	Subjects ↓	Vocational Skills	Professional Skills	Critical/ Responsive Thinking	Ethical Sensibilities	Exposure to Diversified Practices/ Disciplines	Soft Skills/ Life Skills	Course Outcomes (COs) Derived from Course Objectives		
								At the end of the Course, the students will be able to -		
SEMESTER 9	911 Design Dissertation 1	3		3	2		2	CO1	Identify relevant literature and intellectual resources for a detailed study of the identified subject/issue for research	2.59
		3		3			2	CO2	Compose the findings and learnings in the form of a report in the English language, becoming conscious of the necessity of formats for citing sources of information (and the implications of non-compliance)	
		2	3	2	3		2	CO3	Recognize the necessity for and identification of an appropriate site, conduct a site study based upon context, topography and environment, identify relevant cases to decode along with their study and derive appropriate inferences	
		3	3	3	3		2	CO4	Ideate a project based upon a study of their identified subject and topic of research and Prepare a detailed design brief for the project after a thorough site and user analysis and a clear understanding of the building byelaws, appropriate building technology and environmental legislations	
	921 ELECTIVE 8 Project Management (Recommended but not compulsory)	3	3		2			CO1	Understand the importance of work breakdown of activities, preparation of Measurement sheet & abstract sheet for further scheduling of project	2.88
		3	3					CO2	Incur the knowledge of productivity & its application to decide the no of gangs required to get a certain quantity of that activity (work) done and	
		3	3		3			CO3	Understand the importance & methods of updating the project & basic knowledge of corrective measures like crashing of activity/project to	
	922 ELECTIVE 9 (Choice based)	2				3		CO1	Get an overview of a co-curricular subject	2.5
2					3		CO2	Acquire skills related to the co-curricular subject		