

B.VOC PROGRAMME OUTCOMES	1 To have acquired a comprehensive understanding of interior furniture planning as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	2 to have grasped technical, practical and procedural knowledge like material specifications and use, Cost analysis,time and budget estimate for a project, techno-legal documents, finance management; thereby developing an attitude for entrepreneurship and enterprise creation.	3 to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	4 to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession thereby setting high professional standards.	5 to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work.	6 to have fostered an appreciation for the diversity of design perspectives across time and cultures, to be able to apply and enforce humanistic, ethical value systems, and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession.	7 to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability.
COURSES AND COURSE OUTCOMES							
Interior Design Studio - 1 and 2 - Sem 1 & 2 (B.VOC ID 101 & 201)							
- to understand the human body and its relationship with space and the activities conducted within - draft and implement drafting skills on paper	anthropometric study becomes the basis of all design use of scaled drawing as means of communication thought process/design	detailed observation and accurately measure of household furniture inculcate class work drafting and rigorous line work	analyse and understand issues faced in day to day activities .	taught to present collected data using various ICT related tools	case studies conducted in groups		analyse and understand issues faced in immediate surroundings
-to understand and apply the basic design acumen and anthropometric observations in the designing of residential spaces	observation of spatial volumes	taught to measure draw and represent using scale	class exercises of human body measurements to derive at ergonomic sizes for furnitures				
- to develop an architectural and interior design vocabulary and begin to understand language of visualization	effectively use the correct basic architectural and interior vocabulary of drawings and text in expressing design ideas	effectively use the correct basic architectural and interior vocabulary of drawings and text in expressing technical understanding		learn software vocabulary and shortcuts	use of accurate technical terminology for effective presentations		
Analysis of design to perceive elements which define the character of the environment.	critical analysis of case study, documentation through sketches, photographs, dialogue with end users leading to understanding of contextual requirements of the space	documentation, and preparing measured drawings of various interior spaces during a week long study tour.	critical understanding of context through analysis process	use modern tools to effectively document within a time frame	site study conducted in larger groups		
Analysis of design process, Concept formation for design.	prescribed case studies, visits and curated Insights lectures	prescribed case studies, visits and curated Insights lectures		understand ways of effective communication used in practice use ICT and mechanical tools for representation of ideation	understand the importance of teamwork and work culture through interaction with other team members.	iconic architectural and Interior works remain relevant for generations. Learning from such works can guide designers in creating designs that have enduring appeal and longevity.	
-to be able to prepare Interior layout and related drawing of individual units of a residential block and a residence as a complete unit.	application of drafting skills learned	application of skills developed from Studios of Construction and Interior drawing and representation skills.	Suggesting a unique and adaptive design solution for the given problem.	presentation of one's own design solution	application of skills developed from subject-communication skills for defending/justifying one's own design.	application of knowledge gained from subject-History	critical understanding/analysis of client profile and its context to the surroundings.
INTERIOR CONSTRUCTION - 1 - SEM 1 (B.VOC ID 102)							
- to learn about Structural components and elements of built structure.		enables understanding of structural components and its constraints/limitations on Interior design of that space		use of ICT for presentations			respect towards architectural features by designing interiors in harmony with the envelope.
- to acquire knowledge about bricks as unit for walling systems, its substitutes and Wood and its substitutes and alternatives	model making and workshops for understanding of bonding between structural units and experimentation of possibilities	understanding brick as a unit for construction, information and substitute to brick as a conventional building material and understanding limitations to alterations in structural partitioning walls		use of ICT for presentations	group study presentations of data/references collected		Sensitivity towards use of eco friendly and sustainable constructional and finishing materials
- to learn about Openings: Doors, windows, ventilators with focus on different modes of operation and their jamb linings, Types of Lintels and Arches based on structure and materials. Structural glazing	study of Building elevations and typology of building structures, pre-dominantly affecting Interior planning of spaces	Architectural terminology and vocabulary, of structural and non structural elements forms the basis of the course and programme, assimilation of scope of work and its co-relation with Architecture	Analyse need for use of various materials and hardware with reference to function of the space.	use of ICT for presentations	group study presentations of data/references collected	Visit and photo documentation of heritage buildings to visually experience grandeur of Arches, Windows etc.	
- to learn about Doors and Windows; Types based on mode of operation, material and positioning.		Thorough understanding of fundamentals of operation system in openings will lead to design as per decor, style and theme	Clear understanding of constructional details to help derive a Design as per decor/style	group study presentations of data/references collected	group study presentations of data/references collected		

	1	2	3	4	5	6	7
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COURSES AND COURSE OUTCOMES							
INTERIOR SERVICES - 1 - SEM 1 (BVOC ID 103)							
- to be able to understand the principles of water supply, sanitation and drainage system	efficient planning of crucial services for ease of use and maintenance	external parameters-like building services to a major extent affects planning of washrooms and ancillary areas					developing sensitivity towards a crucial resource- water conservation.Means and ways for minimal use
- to acquire in depth knowledge of hot and cold water distribution system			applying learnings to simplifying complications caused due to shifting of layout of toilets and suggesting solutions for the same.				
- to understand types of water supply pipes and joints, fixtures and fittings in detail	in-depth knowledge of principles of plumbing and drainage systems.Regulations possibilities and limitations, and exposure to advancements,innovations in Plumbing industry	designing of washrooms using aesthetical elements incorporating sanitary fixtures and faucets					developing sensitivity towards a crucial resource- water conservation.Means and ways for minimal use
- to understand in depth about soil and waste water disposal systems using types of sanitary pipes and joints.							
- to study plumbing works for Kitchens, toilets, baths, washing machines, dishwasher, refrigerator, loft tanks etc & to learn all required details for bath Tubs, Rain Shower, Shower system, Jacuzzis.	understanding how layouts of toilet areas,abution and washing areas are governed by pre-existing plumbing services in buildings.	application of all theory learnings to prepare plumbing layout for Interior Design-1 toilet unit.	applying learnings to simplifying complications caused due to shifting of layout of toilets.	case study,visits to experience centres for sanitary fixtures and faucets.Explanation and discussion on toilet planning for Hotel rooms during study tour and documentation of the same	case study,visits to experience centres for sanitary fixtures and faucets.Explanation and discussion on toilet planning for Hotel rooms during study tour and documentation of the same		developing sensitivity towards a crucial resource- water conservation.Means and ways for minimal use
- to explain distribution and disposal layout.	application of all theory learnings to prepare plumbing layout for Interior Design-1 toilet unit.	detailed washroom layouts with specifications for Residential design project	analysing and documenting toilet layouts for Hotel rooms and suites during study tour.				
COMMUNICATION SKILLS - 1 - SEM 1 (BVOC ID 104)							
-to develop Verbal and non verbal communication skills	activities such as elevator pitch, speech, pictionary help in building confidence for effective communication required in explaining design				by navigating how to express themselves appropriately		
-to develop effective body language and vocolics	activities such as skit, storytelling are organized to help students come up with quick ideas and appropriate use of gestures while putting across their point confidently which helps in explaining design properly						
-to work on personal grooming and confidence building	by learning how to transform negative-talk to positive, and constructive criticism students are helped to build self-confidence essential in defending their design solutions						
-to be able to debate,perform skills and participate in group discussions	to develop ability to convey their ideas with impact, inspire action, build rapport effectively						
INTERIOR DRAWINGS AND REPRESENTATION SKILLS - 1 - SEM 1 (BVOC ID 105)							
- to introduce Drafting techniques, graphic codes, symbols and architectural lettering	forms a basis for drafting	use of drawing tools of an Interior designer,for effectively communication of your design ideas to clients, contractors, and other stakeholders.					
- to understand the architectural scales,solid geometry,Orthographic projections of simple , complex solids and hollow objects, Sections	foundational knowledge and skill needed to effectively navigate , visualise three-dimensional spaces and communicate their ideas with clarity	these forms basis of design language.drafting is a tool for communication and goal is to convey design ideas clearly and accurately.					
- to understand the Isometric and axonometric projections.							
- to introduce the rendering techniques	aid to add realistic appeal to two dimensional drawings.	a realistic representation of their design.					
BASIC DESIGN STUDIOS - 1 - SEM 1 (BVOC ID 106)							
- Understanding visual studies primarily applicable to graphic, product, furniture design, art and architecture etc.	basic design forms the core of interior design practice, providing the tools and concepts needed to create well-designed spaces that cater to the practical and aesthetic approach, encompassing the fundamental principles and elements that designers use to arrange and organize various design components within an interior environment.	study of scale and proportions,using visual scale for measurements					
- to get in depth knowledge about study of forms, colours, light, textures, and similar visual elements.							

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COURSES AND COURSE OUTCOMES							
INTERIOR MATERIALS AND PRODUCTS - 1 - SEM 1 (BVOIC ID 107)	<p>To have acquired a comprehensive understanding of interior furniture planning as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions</p>	<p>to have grasped technical, practical and procedural knowledge like material specifications and use, Cost analysis, time and budget estimate for a project, techno-legal documents, finance management; thereby developing an attitude for entrepreneurship and enterprise creation.</p>	<p>to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions</p>	<p>to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession thereby setting high professional standards.</p>	<p>to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work.</p>	<p>to have fostered an appreciation for the diversity of design perspectives across time and cultures, to be able to apply and enforce humanistic, ethical value systems, and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession.</p>	<p>to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability.</p>
<ul style="list-style-type: none"> - to understand Natural stones - to learn about Bricks, lightweight concrete blocks - to understand Cement, concrete - to learn about Ceramics - to acquire knowledge of Commercial forms of wood and timber - to understand Glass - to learn about Bamboo 	<p>ability to make informed decisions about materials can significantly impact the success, functionality, aesthetics, and sustainability of their designs. This knowledge allows designers to push the boundaries of what's possible while ensuring that their creations are both functional and visually appealing.</p>	<p>Market study helps in preliminary understanding of market (Ingo, rates, specifications etc)</p>	<p>predicting how a design will behave under different conditions, helping to avoid structural failures, wear and tear, or other performance issues.</p>	<p>Presentation on Market study fosters presentation skills for succeeding years.</p>	<p>Presentation on Market study fosters presentation skills for succeeding years.</p>		<p>With growing environmental concerns, there is increased focus on sustainable practices. Knowledge of materials to help choose eco-friendly options, considering factors like recyclability, biodegradability, and the energy and resources required for production.</p>
HISTORY OF FURNITURE - 1 - SEM 1 (BVOIC ID 108)							
<ul style="list-style-type: none"> - to understand evolution of furniture over a period based on climate, social factors, life style, technical and stylistic development availability of materials and various movements in design. 	<p>Historical furniture pieces can be integrated into modern interiors to add character and depth. Knowing how to blend contemporary and historical elements cohesively requires an understanding of historical furniture styles.</p>					<p>Understanding the evolution of furniture design helps trace the development of design styles, aesthetics, and trends over time. This historical perspective enables to identify influences, inspirations, and recurring themes that can inform their own design choices.</p>	
<ul style="list-style-type: none"> - to introduce to furniture terminology based on methods of joinery techniques such as parquetry, marquetry gliding, turning, pierced and chip carving, omolu mounts. 	<p>learning from this to draw inspiration from the past and reinterpret it in ways that align with contemporary lifestyles, materials, and manufacturing methods.</p>	<p>primitive techniques for woodwork joinery and aesthetical applications</p>	<p>learning from this to draw inspiration from the past and reinterpret it in ways that align with contemporary lifestyles, materials, and manufacturing methods.</p>	<p>effectively communicate design ideas to clients, collaborators, and manufacturers, using terms that accurately describe desired styles, forms, and aesthetics.</p>	<p>effectively communicate design ideas to clients, collaborators, and manufacturers, using terms that accurately describe desired styles, forms, and aesthetics.</p>		
<ul style="list-style-type: none"> - to learn about ancient civilization, art, architecture of Egypt, Furniture preserved in ancient pyramids, ancient classical orders developed by them and various methods to overcome optical illusion. 	<p>learning from this to draw inspiration from the past and reinterpret it in ways that align with contemporary lifestyles, materials, and manufacturing methods.</p>					<p>Furniture doesn't exist in isolation; it's a product of its time and culture. Learning about different historical periods and the social, economic, and cultural factors that influenced furniture design provides a deeper understanding of the context in which furniture is created and used.</p>	
<ul style="list-style-type: none"> - to learn about prominent names in the field of Architecture, sculptures, paintings international and Indian 	<p>exposure to a wide range of design styles, aesthetics, and creative concepts to help develop fresh and innovative design ideas for their projects.</p>	<p>understanding the cross disciplinary influence of Architecture on Interior design.</p>		<p>presentation of works of any renowned architect/study and present works of great masters.</p>	<p>presentation of works of any renowned architect/study and present works of great masters.</p>	<p>Appreciation of master's works from allied fields. Exposure to various forms of art and sculpture sharpens a designer's eye for aesthetics, better understanding and implement principles of design in their interior designs.</p>	
<ul style="list-style-type: none"> - to acquire knowledge of furniture developed by Greeks and Romans by 3rd century A.D, Medieval era in Europe, Utilitarian furniture developed from Romanesque till Gothic times. Gothic cathedrals preserving art, manuscripts, furniture, paintings, sculptures, stain glass. Beginning of Renaissance-second golden era in Europe, age of discovery, Renaissance furniture of Italy and France, Baroque and Rococo furniture of 17th century Europe, Neoclassical and Regency period in history of furniture-18th century 	<p>Historical furniture pieces often showcase unique craftsmanship, materials, and design details. These elements can serve as inspiration for modern designs.</p>	<p>primitive techniques for woodwork joinery and aesthetical applications</p>	<p>studying different eras and movements to help gain insights into the social, cultural, and technological factors that shaped design choices in the past. This context helps to create spaces that resonate with clients and users while considering their cultural preferences.</p>			<p>Furniture history ties into the cultural heritage of different regions and civilizations. Learning about furniture history fosters an appreciation for the diversity of design perspectives across time and cultures.</p>	

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COURSES AND COURSE OUTCOMES							
SEMESTER 2							
INTERIOR CONSTRUCTION - 2 - SEM 2 (BVOC ID 202)							
-to understand materials used of construction and finishing materials for furnitures.	material properties and applications to determine forms in Design.	Market study, field visits to related industry					
-to understand construction joinery and assembly of wood components and its substitutes.	exposure to vast field of Hardware industry to enable to create endless possibilities in furniture designing	Application/joinery of selected material/composite materials together to form a design element					analysing limitations/constraints in use of conventional materials and construction methods and addressing solutions for modern day era.
-to get in depth knowledge on conventional partition systems like wooden frame partitions with skin /double skin.	understanding partitions as space dividers-and their aesthetic value	Application of conventional joinery detail; and materials.					
-to understand modern day partition systems, with Aluminium frames, dry wall partitions, glass partitions.	need for non-conventional partition systems and its impact on design	drafting details of fixing framing sections to structural surfaces and cladding with skinning materials	providing solution to need of a specific requirement of screening or partitioning.				analysing limitations/constraints in use of conventional materials and construction methods and addressing solutions for modern day era.
-to learn about wall claddings with different framing and skinning materials	learning application of wall cladding which many a times are more of a requirement than aesthetics	drafting details of fixing framing sections to structural surfaces and cladding with skinning materials	structural constraint may sometime demand need for c/adding/panellings.				
-to have an overview of modular furniture industry	working on various configurations to create adaptable and versatile furniture solutions.	data compilation and report generation of of fixtures and hardware used for modular furnitures.	understanding the advantages in terms of time and resource management, faster multiplicity of units. Providing an insight of the industry as a field to venture into.	Group presentations on case studies/market study using ICT tools.	Group presentations on case studies/market study		Understanding time constraints in todays Urban context creating a need for prefabricated/modular furnitures
INTERIOR SERVICES - 2 - SEM 2 (BVOC ID 203)							
- to introduce the electrical systems as applicable to interior spaces.	efficient layouting/planning of lighting layout	understanding of power distribution system as a part of building services, positioning of predetermined supply lines, distribution boxes to affect electrical layouts	understanding electrical layouting system in Hotel during study tour.				blending aesthetics with functionality, awareness and sensitivity about conservation of electricity through efficient lights distribution.
- to study the electrical system designs including materials, specifications and types.	study electrical distribution system of their own homes.	compilation of data of market rates, various codes and specifications of fixtures and fittings to be used in preceding semesters					
- to learn about the electrical layouts, symbols.	language of communication with field expert	representation of technical drawing, learning internationally accepted standard symbols as a medium of drawing			presentation of data collected and curated with use of technical terminology and language		
- to acquire knowledge on types of residential lighting, fittings , fixtures and switches.	understanding significance of light fixtures in creating ambience, enhancing functionality, and highlighting design elements within a space.	market study to help exposure on vast options available and freezing on appropriate one	Class discussion on type and quantity of light sources in their own residence and analysis on the same to develops an immediate connect with lighting issues	presentation of case studies in group or as individual presentation			
- to have an overview of automation in lighting industry.	analysis need for smart solutions for human comfort, ease and for optimum use of Electricity as a resource.	overview of various systems interface supporting automation					enhance convenience, energy efficiency, and overall user experience.
COMMUNICATION SKILLS - 2 - SEM 2 (BVOC ID 204)							
-to be able to present/defend their own design effectively to a person/panel	by putting forth activities such as monologue and presentation students are helped to practice the basics				by putting forth group discussions on a particular topic, debate and presentations, students are taught how to defend themselves and take active constructive criticism		
-to enhance writing skills-Business letters, technical writing and analytical writing		formatting letters, drafting formal letter and summaries help in the knowledge of producing formal documents		through the use of softwares students are helped with proper formatting and presentation skills required to put forth themselves in professional settings		how to effectively communicate by drafting formal and informal letter helps students differentiate between professional and informal language usage	
-to improve conversational ability	situation enact and drama such activities help in the conversation development helpful in client-designer relation to arrive at a appropriate design solution		activities help build an attitude to face certain design problems with acute observation in providing solutions			the ability to hold onto a conversation in a meaningful manner is build helping students in teamwork and professional relations	

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COURSES AND COURSE OUTCOMES							
INTERIOR DRAWINGS AND REPRESENTATION SKILLS - 2 - SEM 2 (B.VOC ID 205)							
<ul style="list-style-type: none"> - to understand the Sciography of two dimensional objects in plan and elevation. - to understand the sciography of three dimensional objects in plan, elevation and views - to learn the basic terms, principles, types and techniques of perspective - to learn one, two and three point perspective of simple interior elements (drafted and free hand) - to learn about the presentation of interior views (drafted and free hand) with pencil and colour rendering - to introduce basics of softwares for assignments - Reports/ presentation and analytical work; Microsoft Word/ Power Point/ Excel, . Drawing tools: 2D CAD/ Sketch up basics. 	<ul style="list-style-type: none"> studio assignments to understand and experiment with shadow casting or shade analysis. studio assignments to understand and experiment with shadow casting or shade analysis. studio assignment for 3 dimensional interpretation of plans and elevations methodological drafting of perspectives for realistic visualization of design. special guest lectures conducted for use of various mediums and rendering techniques 						
BASIC DESIGN STUDIOS - 2 - SEM 2 (B.VOC ID 206)							
<ul style="list-style-type: none"> - to understand interplay of planning principles like balance, harmony, rhythm etc - to study and apply anthropometry and ergonomics as a tool to understand aesthetic and functional concepts of design. - to learn about concept of space modulation - to acquire knowledge of history, styling and theme based designs 	<ul style="list-style-type: none"> fundamentals for a good design Exercises to measure random human body dimensions and class furnitures and deriving at solution comfortable for users. making models for flexible and adaptable spaces, creating multi-functional areas that can easily transform based on different needs, optimizing the use of space. application of classical/period themes for their design projects 	<ul style="list-style-type: none"> application of Anthropometrics and ergonomics in synchronization with proxemics in determining sites for furnitures. primitive techniques for woodwork joinery and aesthetical applications 	<ul style="list-style-type: none"> understanding users interaction with the surroundings and creating designs that promote comfort, efficiency, and safety. to enable to maximize the potential of an open space while catering to specific functional needs and aesthetics, using a combination of visual, tactile, and functional cues, to create dynamic, multi-dimensional environments that are both cohesive and adaptable. predicting how a design will behave under different conditions, helping to avoid structural failures, wear and tear, or other performance issues. 		<ul style="list-style-type: none"> explaining thought process, evolution of final design output effectively to peer and mentors 	<ul style="list-style-type: none"> understanding periodic style as a product of its time and culture. Learning about different historical periods and the social, economic, and cultural factors that influenced furniture design provides a deeper understanding of the context in which furniture is created and used. 	<ul style="list-style-type: none"> Effective space modulation can contribute to sustainable design practices by optimizing energy use and reducing the need for excess construction materials.
INTERIOR MATERIALS AND PRODUCTS - 2 - SEM 2 (B.VOC ID 207)							
<ul style="list-style-type: none"> - to learn about artificial stones, semi-precious stones - to learn about paints, polishes, ferrous and non-ferrous metals, Plastics and Polycarbonates. - to understand floor coverings and furnishings 	<ul style="list-style-type: none"> ability to make informed decisions about materials can significantly impact the success, functionality, aesthetics, and sustainability of their designs. This knowledge allows designers to push the boundaries of what's possible while ensuring that their creations are both functional and visually appealing. 	<ul style="list-style-type: none"> Market study helps in preliminary understanding of market, Ling, rates, specifications etc. 		<ul style="list-style-type: none"> Presentation on Market study fosters presentation skills for succeeding years. 	<ul style="list-style-type: none"> Presentation on Market study fosters presentation skills for succeeding years. 		<ul style="list-style-type: none"> With growing environmental concerns, there is increased focus on sustainable practices. Knowledge of materials to help choose eco-friendly options, considering factors like recyclability, biodegradability and the energy and resources required for production.
HISTORY OF FURNITURE - 2 - SEM 2 (B.VOC ID 208)							
<ul style="list-style-type: none"> - to understand English furniture from 16th to 18th century, Tudor, Stuart, Jacobean, Restoration period, Queen Ann period, Gregorian period, Chippendale, Sheraton, Beginning of 19th century industrialization. - to learn about Victorian Era in England, Art and Craft movement in design, Art Nouveau movement in art and furniture, Art movements before and after world wars. - to understand Cubism of Picasso, De-stijl movement, Bauhaus school of Design and its impact on modern design, Art Deco movement. - to learn about Oriental furniture and how it is different from western counterparts, Furniture of Japan and China, Indian furniture, traditional and colonial 	<ul style="list-style-type: none"> learning from this to draw inspiration from the past and reinterpret it in ways that align with contemporary lifestyles, materials, and manufacturing methods. Historical furniture pieces often showcase unique craftsmanship, materials, and design details. These elements can serve as inspiration for modern designs. Carry and apply the learnings of this subject in interior design studio-2. 	<ul style="list-style-type: none"> a transitional advancement from primitive techniques for woodwork joinery to use of contemporary materials like steel and glass for furnitures. 	<ul style="list-style-type: none"> The evolution of furniture styles reflects broader shifts in society, culture, technology, and design philosophies. Each style emerged as a response to its respective era's values, aesthetics, and advancements, contributing to the rich tapestry of design history. 		<ul style="list-style-type: none"> historical references can add layers of depth to a design narrative, historical touches help communicate a specific story or theme. In a competitive industry having a diverse skill set, including historical design knowledge, can set interior designers apart and attract clients who value a well-informed approach. 	<ul style="list-style-type: none"> Furniture history ties into the cultural heritage of different regions and civilizations. Learning about furniture history fosters an appreciation for the diversity of design perspectives across time and cultures. 	

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COURSES AND COURSE OUTCOMES							
SEMESTER 3							
INTERIOR DESIGN STUDIOS - 3 - SEM 3 and 4 (BVOC ID 301)							
to apply advanced skills to planning of residential interior spaces with clear understanding and usage of contemporary materials, construction techniques and services required for the design project.	carry learnings of Sem 1&2 of positive and negative space into interior design.emphasis is given to the relationship of space to the contextual environment, achieving individual interpretations through client profiling, case studies and framing of requirements.	detailed learnings of technical aspects/detailing with regards to interior design.	carry preliminary learnings of Interior design studio-1&2, produce drawings with advanced level of detailing. Demonstration of maturity towards providing design solution.	effectively use and present collected data to support the inferences	site / context / premise analysis conducted in groups	analysis of the context from the point of view of deriving solutions in a way that it contributes to their design brief	critique practices through observation of issues faced, survey conducted etc
INTERIOR DESIGN STUDIOS - 4& 5 - SEM 3 and 4 (BVOC ID 308 and BVOC ID 401)							
- application of individual professional design acumen with enhanced skills of planning interior spaces related to commercial activity.	emphasis is given to the relationship of space to the contextual environment, achieving individual interpretations through client profiling, case studies and framing of requirements.	applying technicalities learned from Construction & working drawing for a practical approach	Critically analyzing and providing solutions for commercial interior with a structured approach that combines creativity, functionality, and economic viability.	effectively use and present collected data to support the inferences	group wise case study presentations on commercial/retail spaces	Incorporate sustainable design principles to minimize environmental impact. Use of energy-efficient lighting, eco-friendly materials, and practices that promote indoor air quality.	observational understanding of construction systems in the context
to enhance their skills of planning of Hospitality spaces and commercial environment with clear understanding and application of functionality, space usage and concept/themes, use of contemporary materials, construction techniques and advanced services required for the design project.	emphasis is given to the relationship of space to the contextual environment, achieving individual interpretations through client profiling, case studies and framing of requirements.	applying technicalities learned from Construction & working drawing for a practical approach	Critically analyzing and providing solutions for commercial interior with a structured approach that combines creativity, functionality, and economic viability.	effectively use and present collected data to support the inferences	group wise case study presentations on commercial/retail spaces	Incorporate sustainable design principles to minimize environmental impact. Use of energy-efficient lighting, eco-friendly materials, and practices that promote indoor air quality.	observational understanding of construction systems in the context
INTERIOR CONSTRUCTION - 3 SEM 3 (BVOC ID 302)							
- To introduce to different structural systems for buildings- Load bearing brick/stone masonry - its application in interior field, RCC frame structure with column, beam, slab, cantilevers etc. -its application in interior field, Steel framed construction with different rolled sections - its application in interior field	carrying ahead the learnings of sem 2, understanding structural constraints and parameters of the built in envelope in which design is to be executed.Understanding structural possibilities enables, to propose innovative design solutions that go beyond cosmetic changes.	suggesting alterations that are feasible within the existing structural framework.				Heritage walks are organised to understand how structural systems have varying environmental impacts. Awareness of these impacts can make sustainable design choices that align with the building's structural characteristics.	
-to understand single and double floors as type of floor construction in load bearing structures.		understanding conventional floor systems to help understand structural parameters and constraints while designing in these structures		use of softwares[sketch up]for better grasping and visualization			
-to understand bridging vertical distance by staircases,its principles and types	Ergonomics for comfort of user,learning of proportions of ramps for specially abled	materials used for construction of staircase and cladding materials and their finishes,understanding staircase as part of structural systems and at times fabricated to meet needs, ways to make it aesthetically appealing		use of softwares[sketch up]for better grasping and visualization			
To have an overview of pitch roof/lean to roof in steel and metal coated sheets	Implementation of modern day awning and roof coverings for terraces,balconies etc. in Design	respecting architectural features of structure and planning interiors in tandem to Architecture of structure				respecting architectural features of structure and planning interiors in tandem to Architecture of structure	
INTERIOR SERVICES - 3 - SEM 3 (BVOC ID 303)							
- to introduce the basics of HVAC & the principles of thermal comfort parameters for humans.		structural envelope to determine positioning of indoor and outdoor units of air conditioning of non ductable systems.					understanding impact of Air conditioning systems on Global warming
- to explain the principles of natural ventilation & the heat load calculations.		improving indoor air quality,reduce the risk of indoor air pollution, which can negatively affect the health of building occupants.					
- to introduce air conditioning systems, methods of air conditioning, equipment and components used in air conditioning in detail by an AC agency.	Interior designer having limited scope of work in Air-conditioning involves specialized guidance by field experts.	understanding need for preplanned structural systems to incorporate ductable systems,VRV etc.					
- to be able to know selection criteria for air conditioning systems.	selection of appropriate system to suit needs and decor						
- to get the knowledge of ducting principles, layout schemes and placement of air conditioner outlets in central air conditioning systems.	understanding impact of AC ducts and vents on design of False ceilings	positioning of units with due consideration to maintenance factor.					
-Introduction to Acoustics and its application to interiors.	understanding need for soundproofing and acoustical treatments						

	1	2	3	4	5	6	7
B.VOC PROGRAMME OUTCOMES	to have acquired a comprehensive understanding of interior furniture planning as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like material specifications and use, Cost analysis, time and budget estimate for a project, techno-legal documents, finance management; thereby developing an attitude for entrepreneurship and enterprise creation.	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession thereby setting high professional standards.	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work.	to have fostered an appreciation for the diversity of design perspectives across time and cultures, to be able to apply and enforce, humanistic, ethical value systems, and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession.	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability.
COURSES AND COURSE OUTCOMES							
COMMUNICATION SKILLS - 3 - SEM 3 (BVOIC ID 304)							
-to be able to analyse and describe Interior work carried out by any Professional Interior Designer	studying, analyse and present individually, the works of well-known Interior designers and Architects, this inspiration, and practical insights that can significantly enhance their understanding of design principles, aesthetics, problem-solving strategies, and industry trends.		enabling them to conduct a detailed research presentation on various interior design themes thereby integrating it within their projects		presentations skills enables the students to convey their ideas and topic understanding via verbal and visual communication in the form of group and individual presentations		
-to be able to write review of design related articles	Referencing through Interior related magazines, blogs etc and writing design reviews. Understanding the flow, sequencing and context and targeted readers.				mock jurors in order to expose them to higher authorities and a code of conduct is set in.		
To be able to counter/defend in debates	group presentations allows the students to discuss varied work done by peers in order to confidently convince others. (Aligning of this topic with Design studios)		group presentations allow the students to discuss varied work done by peers in order to confidently convince others.		presentations skills enables the students to convey their ideas and topic understanding via verbal and visual communication in the form of group and individual presentations		
Voice culture					group discussions and debates enables them to support their research and beliefs thereby reinforcing the habit of standing by one's design and work.		
INTERIOR DRAWINGS AND REPRESENTATION SKILLS - SEM 3 (BVOIC ID 305)							
- to introduce basic understanding of other software like sketch-up, photoshop etc, including 3D modeling	carry ahead the preliminary learnings of Sem 2 to use AutoCAD as an indispensable tool to translate creative concepts into accurate, detailed, and professional drawings.	drafting of sections and details to various scales, line weights etc for technical presentation of drawings		3D models and renders offer a common visual language that helps bridge communication gaps between designers, clients, and contractors, thereby reducing confusion.	It facilitates efficient communication with other stakeholders involved in the project and ensures that design ideas are executed precisely during the construction phase.		
ENVIRONMENTAL STUDIES - SEM 3 (BVOIC ID 306)							
- to understand Climatic factors which affect thermal comfort in humans, along with its interface with Interiors.	understanding how climates impact the choice of materials and furnishings, eventually affecting the design and decor.	understanding how climates impact the choice of materials and furnishings	Aligned with design brief to understand geographical location, orientation of structure and climatic factors affecting selection of materials.				
- to learn about importance of materials in the Interiors. Properties of materials. Importance of day lighting, IAQ, its application and ventilations . lighting design and energy usage, conservation of energy.	group wise presentations with discussions and reviews on sustainable materials that can be used in Interiors.						
- to acquire knowledge of Water and its conservation . Introduction to sustainable material . Concept of Reduce-Reuse - Recycle	discussions on how Interior designers can contribute to reducing water consumption and minimizing the environmental impact of interior spaces	gathering information and comparing water consumption by users using various faucets, sanitary appliances, bathtubs etc	showcasing sensitivity to sustainable design can differentiate one's services in a competitive market and contribute to a more environmentally responsible future.				Incorporating EVS principles into design projects lead to more responsible, ethical, and environmentally conscious design solutions. sensitivity towards design choices can contribute to creating healthier spaces for occupants and a more sustainable future.
- to learn about properties of materials and heat transfer and evaluation of materials on environmental aspects	group wise presentations with discussions and reviews on sustainable materials that can be used in Interiors.	identifying locally sourced materials that are well-suited to the climate, materials are more likely to be climate-appropriate, promoting sustainability and reducing the carbon footprint.		case study on Thermally insulating materials and their applications for reducing heat gain.	discussions on case studies, market study and data collected		
- to introduce to all mechanical systems used in the interiors.	mechanical systems and their impact on planning and designing			case studies on structures sustaining on natural resources and minimal use of mechanical resources for human comfort.	discussions on case studies, market study and data collected		
- to understand of LEED, GRIHA, Leadership in energy and environmental design.	to be informed about the bodies and certifications	collection of data and case study of a Green building					
INTERIOR MATERIALS AND PRODUCTS -Sem 3 (BVOIC ID 307)							
- to understand Materials and Techniques used for waterproofing.	clubbed with Interior construction-3 ,as topic repeats.	gathering information on products used and their applications			group wise presentation on topics allotted to explain waterproofing of various areas.		
- to learn about Fire retardant materials and their applications and Thermal insulating materials and their applications.	incorporating of fire fighting layouts for Design -3						
- to acquire knowledge of Outdoor and infrastructural products used as substitutes in today's times							
INTERIOR STUDIO - 4 - SEM 3 (BVOIC ID 308)							
- to enhance skills of planning of Hospitality spaces and commercial environment with clear understanding and application of functionality, space usage and concept/theme, use of contemporary materials, construction techniques and advanced services required for the design project.	focus is on relating the design and space planning, achieving individual concepts through client profiling, case studies and framing of requirements.	applying technicalities learned from Construction & working drawing for a practical approach	Critically analyzing and providing solutions for residential interior with a structured approach that combines creativity, functionality, and economic viability.	effective use of present collected data to support the inferences	group wise case study presentations on projects	Incorporate sustainable design principles to minimize environmental impact. Use of energy-efficient lighting, eco-friendly materials, and practices that promote indoor air quality.	observational understanding of construction systems in the context

B. VOC PROGRAMME OUTCOMES	1 To have acquired a comprehensive understanding of interior furniture planning as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	2 to have grasped technical, practical and procedural knowledge like material specifications and use, Cost analysis, time and budget estimate for a project , techno-legal documents, finance management; thereby developing an attitude for entrepreneurship and enterprise creation.	3 to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	4 to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession thereby setting high professional standards.	5 to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work.	6 to have fostered an appreciation for the diversity of design perspectives across time and cultures. to be able to apply and enforce , humanistic, ethical value systems, and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession.	7 to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability.
COURSES AND COURSE OUTCOMES							
SEMESTER 4							
INTERIOR CONSTRUCTION -3 Sem 4 (Subject codes-)							
<ul style="list-style-type: none"> -to understand in depth advance partition and paneling systems. -to have in depth knowledge on concepts of false ceilings-Gypsum and modular -to have in depth technical understanding of framing work for Gypsum and modular false ceiling. -to understand and analyse need for raised floor systems in commercial spaces and IT offices 	<ul style="list-style-type: none"> present day need for collaborative, agile, innovative working office environment demands need for advance screening and partitioning systems. understanding functional and aesthetical need understanding functional and aesthetical need present day need for collaborative, agile, innovative working office environment demands need for raised floor system. 	<ul style="list-style-type: none"> specific materials for acoustical and thermal insulations as a specified requirement materials used for framing, covering and finishing, adding design features, provision of services above it. materials used for framing, covering and finishing, adding design features, provision of services above it. structural provisions to accommodate services 		<ul style="list-style-type: none"> use ICT and mechanical tools for representation of ideation use ICT and mechanical tools for representation of ideation use of ppt and projections to explain concepts and technicalities 			
INTERIOR SERVICES -Sem 4 (BVOC ID 403)							
<ul style="list-style-type: none"> -To acquire knowledge of illumination standards and artificial lighting design and lighting power density. -to have in depth knowledge of daylight integrated lighting systems, timers and sensors. -to understand different types of illuminations. -to study in depth about lighting fixtures and fittings used in interior spaces and the information about the special lighting systems for malls or displays. -to know the provisions of standards and energy codes related to interior electrical services. 	<ul style="list-style-type: none"> application of these learnings to be applied in preparing Lighting layouts for design projects application of these learnings to be applied in preparing Lighting layouts for design projects application in determining illumination levels for residences and commercial spaces. application of these learnings to be applied in preparing Lighting layouts for design projects 	<ul style="list-style-type: none"> assignments on calculation on number of lights and lumens required for a specific activity understanding lighting schemes and light sources needed for the same. grasping knowledge about lighting for retail outlets/stores understanding of technical language and specifications and its application in drawings. 	<ul style="list-style-type: none"> deriving at a solution to avoid excess lights 				<ul style="list-style-type: none"> deriving at a solution to avoid excess lights use of timers and sensors to conserve resources
COMMUNICATION SKILLS-SEM 4 (BVOC ID 404)							
<ul style="list-style-type: none"> -to learn to design message outline-organising ideas determining the specific purpose of communication and context. -to learn to draft reports -to develop public speaking skills -to learn to write Prologues, synopsis, briefs etc for their research work of Design dissertation. 	<ul style="list-style-type: none"> exercises to develop the ability to articulate ideas clearly through verbal explanations, sketches, mood boards, and visual presentations to help visualize the design direction and make informed decisions. group discussions on varied topics related to the field of design and environment over a time span of fifteen minutes preparing them to start brainstorming on design dissertation by commencing prologue in the form of written communication 	<ul style="list-style-type: none"> exercises for effective communication with clients and stakeholders through written correspondence, emails, and project proposals. Clear and well-structured writing helps convey design concepts, ideas, and updates in a professional and understandable manner. 	<ul style="list-style-type: none"> writing a design dissertation involves navigating complex research processes that demand critical thinking at every stage, from formulating research questions to analyzing data and discussing implications. the dissertation journey sharpens ability to think critically, analyze information, and develop coherent and well-supported arguments. 		<ul style="list-style-type: none"> to develop ability to convey their ideas with impact, inspire action, build rapport, and navigate a variety of leadership challenges effectively. 	<ul style="list-style-type: none"> topics from the design dissertation book are touched upon by inculcating them to write their views and reading aloud is imbibed as well. basic general knowledge is touched upon allowing them to conduct a casual conversation with ease and confidence 	<ul style="list-style-type: none"> not only is visual presentation given importance but trying to convince others of the work done is initiated.

B. VOC PROGRAMME OUTCOMES	1	2	3	4	5	6	7
COURSES AND COURSE OUTCOMES							
INTERIOR DRAWINGS AND REPRESENTATION SKILLS - SEM 4 (B.VOC ID 405)							
<ul style="list-style-type: none"> - to learn about software applications - to learn about plotting techniques 	<p>application of drawing , rendering and presentation softwares for their own Design projects</p> <p>plotting of design and technical drawings/portfolios to required varied scales.</p>			<p>to be able to use tool that empowers interior designers to effectively communicate their design visions, create accurate documentation, and streamline the design process from concept to construction.</p>			
INTERIOR PROFESSIONAL PRACTICES - SEM 4 (B.VOC ID 406)							
<ul style="list-style-type: none"> - to introduce concept of estimation, costing and rate analysis. Need for estimating, costing and rate analysis. - to understand the components of estimation, costing and analyzing rates (drawings and specifications, units and modes of measurements, work output, material and labour cost, contingencies, professional fees, indirect costs etc. - to acquire the knowledge of methods of estimating (lump-sum, work specific, item rate etc.); costing (percentage basis, item rate basis etc) and rate analysis (item rate basis). 	<p>understand the process of estimation and be able to prepare estimate for designed furniture items.</p> <p>understanding the components helps with locating space optimization, material planning, quality assurance and project progress tracking</p> <p>inclusive knowledge assists in establishing comparative analysis and scenario exploration along with the iterative design process</p>	<p>helps recognize early on hand and prepare project management, risk mitigation and documentation and accountability</p> <p>helps put in place cost breakdown, scope of work, legal compliance and clear specifications with respect to technical knowledge</p>	<p>assists in deriving affordability in terms of accessibility & inclusivity, sustainable practices, emotional impact and cultural sensitivity</p> <p>understand the costs associated with innovation and new technologies can make informed decisions about investing in tools and processes that enhance their services.</p> <p>innovative design solutions comes with an understanding of overall knowledge of estimation and costing in terms of detail recognition, workmanship aesthetics and material and design experimentation</p>	<p>play essential components in terms with project viability, legal and regulatory compliance, quality assurance and accountability</p> <p>helps establish precision and accuracy, risk and resource management in professional section</p> <p>professional standards of ethical conduct and accurate project execution comes with the overall proficiency of costing and estimation</p>	<p>helps establish clear communication, collaboration, resource allocation and decision- making aspects</p>		
WORKING DRAWING -1 Sem 4 (B.VOC ID 408)							
<ul style="list-style-type: none"> - to be able to understand constructional details of Residential furniture pieces like-Study table,Dining table,bed,Wardrobe etc - to be able to draft all construction details of furniture pieces designed by themselves, & write detailed specification of materials and design details. - to be able to work out civil details for kitchen platform. -to acquire knowledge of pitless lifts for residences 	<p>ergonomically designing furniture to suit human comfort and preparing working drawing of the same</p> <p>ergonomically designing furniture to suit human comfort and preparing working drawing of the same</p> <p>Designing of kitchen platform and use of</p> <p>overview of vertical mode of movement from one level to another without any structural alterations</p>	<p>appropriate selection on finishing materials and detailing to suit intended style theme</p> <p>idea of materials specification and estimation of material quantities for idea of cost estimate.</p> <p>selection from vast options available for shutter finishes and use of appropriate accessories</p>	<p>address present day ergonomic problems</p>	<p>understand locally prevalent sustainable practices if any through analysis</p> <p>use of ppt and projections to explain concepts and technicalities</p>			<p>designing of backdrops(panelling ,claddings)as need or decor along with furnitures</p> <p>fillings,fixtures and hardware for optimum user comfort and efficiency in urban context.</p>

B.VOC PROGRAMME OUTCOMES	1	2	3	4	5	6	7
COURSES AND COURSE OUTCOMES							
SEMESTER 5							
Interior Design Studio -Semester 5 (BVOC.ID- 501)							
<p>- to have a focused individualistic approach towards design as per the brief finalized in consultation with the guide resulting in professionally satisfying presentation of the design that would put to test the individual strength and caliber of the learner.</p> <p>- individualistic approach towards design as per the brief finalized resulting in a professional presentation of the project to various stake holders in the form of research work, technical drawing and presentation drawings.</p>	<p>Selection of site, proposal of justifiable and economically viable activity, developing of design brief, generating requirements list, compilation of case studies. A cumulative application of learnings from previous semesters. Design process to include the preparation of multiple drawings. The entire process is supervised by the Design dissertation guide through continuous assessment and review of students work resulting into an apt and efficient design solution.</p> <p>assessment of design development at various stages.</p>	<p>The entire design development (conception to completion) demands preparation of various technical drawings incorporating required services. The learning from subject of Interior services are expected to be applied here.</p> <p>application of acquired knowledge from past semesters with current research and understanding.</p>	<p>Creating a very comprehensive volume of research work related to topic through case studies, internet referencing, interviewing people, experts, visiting sites, researching by finding historical data, information, news etc.</p> <p>derive a design statement through a critical analysis of existing qualitative and quantitative assessments</p>	<p>4. Design dissertation culminates into a design: the output is a set of drawings prepared using softwares like AutoCAD, 3D max, Photoshop, Lumion, etc. These softwares are used in the industry for preparation of drawings and design.</p> <p>constructive usage of technology to support the design dissertation project structured and rigorous assessment of the design project.</p>	<p>Design dissertation is an intense programme, successfully completed through a disciplined approach and systematic process. Interaction with experts, observations of research work documented and curated exhibiting excellent writing skills and presentation through effective verbal communication skills.</p> <p>individual case studies conducted for research purpose.</p>	<p>Research work for Design dissertation to help understand various aspects of Design, historical perspectives in design, multicultural, socio-economic, political influences in design, thus exposing to diverse and thought provoking knowledge and information.</p>	<p>the process to expose to current scenario, market availability of various products etc. Learners encouraged to incorporate use of energy efficient solutions thereby exhibiting the sensitivity towards environment.</p> <p>critical understanding of context through analytical study</p>
WORKING DRAWING -2 Sem 5 (B.VOC ID 502)							
<p>-to have in depth knowledge of constructional details of Commercial furniture pieces like-Executive desk, Reception counter, conference table, Bar Counter etc.</p> <p>-to be able to design and prepare working drawing details of Furniture for differently abled.</p>	<p>innovative and efficient design solutions for commercial working spaces for maximum efficiency and comfort</p> <p>sensitivity towards differently abled and understanding their needs and comfort.</p>	<p>in depth market study, knowledge of materials, specifications, their joinery and application.</p> <p>preparing detailed working drawings detailed specifications for raw and finishing materials, skinning materials, hardware etc.</p>	<p>detailing to help analyze probable difficulties of practicality, construction and alternative solutions for the same</p>		<p>Group presentations on case studies/market study</p> <p>Group presentations on case studies/market study</p>		<p>Designing according to physical, cognitive, and organizational ergonomics Each of these differently affects how people interact with their environment, contributing to how effective they are in their work.</p>
INTERIOR SERVICES -Sem 5 (BVOC ID 503)							
<p>- to understand the types of communication such as data, telephone systems and their usage and application, server rooms</p> <p>- to acquire the knowledge of fire safety systems which include fire fighting provisions, types and applications.</p> <p>- to study in depth the fire retarding materials and fire rated doors etc.</p> <p>- to Introduce principles of security, types of security systems, access control and its applications.</p> <p>- to acquire the knowledge about CCTV cameras</p>	<p>Industry visits, Industry expert lecture conducted for better technical understanding, Subject content aligned towards preparing service drawings for Design Dissertation</p>	<p>reading and understanding technological aspects, advances in field of technology</p>	<p>incorporating smart home devices and systems and technology seamlessly into their designs, enhancing the functionality and user experience of spaces.</p>				
INTERIOR DRAWINGS AND REPRESENTATION SKILLS - SEM 5 (BVOC ID 505)							
<p>- to learn about software applications</p> <p>- to learn about plotting techniques</p>	<p>application of drawing, rendering and presentation softwares for their own Design projects</p> <p>plotting of design and technical drawings portfolios to required varied scales.</p>			<p>to be able to use tool that empowers interior designers to effectively communicate their design visions, create accurate documentation, and streamline the design process from concept to construction.</p>			

B. VOC PROGRAMME OUTCOMES	1 To have acquired a comprehensive understanding of interior furniture planning as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	2 to have grasped technical, practical and procedural knowledge like material specifications and use, Cost analysis, time and budget estimate for a project, techno-legal documents, finance management; thereby developing an attitude for entrepreneurship and enterprise creation.	3 to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	4 to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession thereby setting high professional standards.	5 to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work.	6 to have fostered an appreciation for the diversity of design perspectives across time and cultures, to be able to apply and enforce humanistic, ethical value systems, and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession.	7 to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability.
COURSES AND COURSE OUTCOMES							
INTERIOR PROFESSIONAL PRACTICES - 2 - SEM 5 (B.VOC. ID 506)							
- to introduce with tender with definitions and Tender types.	tendering process in the context of interior planning. Process is taught as a Design consultant and not as turnkey consultant	It can be a valuable way to equip students with a comprehensive skill set that encompasses evaluation based on technical expertise, a practical understanding of project budgeting and resource allocation	offers students a practical framework in terms of deep understanding of the project through social dynamics, Analyzing Complex Problems, User-Centric Approach helps them align creativity and problem-solving mindset		involve collaboration through practicing skills like active listening, conflict resolution, and mutual respect, which are vital for successful teamwork and ethical considerations through making morally sound decisions		
- to understand the tendering Procedure with Tender document preparation, types of invitation (public notice, private invitation and negotiation), floating of tender, opening and award of tender.	Tender document preparation requires thorough analysis of project requirements, specifications, and objectives. This practice encourages students to deeply engage with the project's intricacies	the skills of Research and Analysis, attention to detail, Networking and Relationship Building, Market Insights and effective planning and execution helps with capitalism					
- to learn the aspects of Tender: Units of measurement and modes of measurements; specifications of raw material (Introduction only), schedule writing.	the understanding obtained from aspects of tender through accurately estimating quantities and specification helps with precision planning, and schedule writing helps with project management leading to a deep comprehension leading to innovative design solutions	helps in delivering products with accurate measurements, customer satisfaction, reducing costs, minimizing waste, contributes to effective budgeting and cost management, vital for sustaining a profitable business					
- to understand the contents of Tender Document: Undertaking from contractor, prequalification of tender, general and special conditions of tender, bill of quantities, general specifications, material specification, special specification, set of working drawings.	through market study on measurement units, material specifications, and project schedules while preparing contents for tender helps in interior planning knowledge	through precise specifications, material knowledge about interior planning and preparing working drawings helps with the overall technical aspect giving a keen eye to detail and helps in improving presentation skills	creating a skill set of need to attention to detail helps with the overall process of providing design solutions by observing new market trends, conditions, interior project working and site visits	while learning the contents of tender and its formatting a general skill set of professional working is established through appropriate use of softwares and standard formatting of documents	as students go through a detailed formatting of specifications in the techno-legal document they develop a sense of market language, language used while drafting the document and the same used while conveying details to other branches of the project which helps in creating a strong skill set for communication in the professional field	while working on specifications the need to take surveys, ask questions to get answers and go over several interviews regarding a particular requirement helps in developing a deeper understanding of ongoing scenarios and need for sustainability in future advancements	
- to learn about contractual Procedures: Work order letter and acceptance letter, Interim bills and final bills, bills certifications.		Drafting accurate and comprehensive contractual documents. Making them familiar with contractual obligations, terms, and the implications of non-compliance. Students learn to negotiate terms that are favorable to both parties while protecting their interests. Invoicing and dealing with bills require an understanding of financial concepts. Students gain insights into how billing cycles, interim payments, and final settlements work in project management; which are all important aspects of entrepreneurship	Addressing discrepancies, disputes, and changes in project scope are common in contractual procedures. Students learn to approach problems with a solution-oriented mindset		Writing work order letters and acceptance letters requires clear and effective communication. Students learn to convey information, expectations, and terms professionally and concisely through practice and survey. Handling contractual paperwork involves creating, organizing, and managing various documents by which students develop skills in maintaining accurate records, which are vital for project tracking and legal compliance		
- to learn about avenues for professional practice including advantages and limitations	Learning about different avenues exposes students to the current market landscape through market study. They develop an understanding of market trends, client preferences, and potential opportunities, which help them develop appropriate interior design planning	Exploring professional avenues involves understanding business models, financial aspects, and profitability. Students learn to assess the viability of different options. Exploring various professional avenues encourages students to think creatively and consider entrepreneurial opportunities					

B.VOC PROGRAMME OUTCOMES	1	2	3	4	5	6	7
COURSES AND COURSE OUTCOMES							
- to acquire in depth knowledge about professional Ethics			Understanding different avenues helps students tailor their services to meet the needs of clients in specific contexts. They learn to focus on client satisfaction and deliver value		Learning about ethics involves discussing and articulating ethical considerations. Students develop the ability to communicate ethical choices effectively.	Learning about professional ethics includes understanding legal and industry regulations, ensuring compliance in practice	
- to learn the codes of conduct and responsibility towards clients, fellow professionals, profession, contractors, suppliers, other consultants and the society.	Addressing challenges and conflicts within various professional relationships demands effective problem-solving skills to find mutually beneficial solutions which suits the needs of all in terms of design	Responsibilities towards various stakeholders require understanding business aspects, including budgets, negotiations, and financial transparency.			Students learn to take leadership roles and collaborate within multidisciplinary teams, demonstrating effective teamwork and coordination.	Recognizing responsibilities towards society encourages students to consider the environmental and social impacts of their design decisions.	
- to understand the process of entering the profession.	Learning about the job market and industry trends helps students align their skills and expectations with the current demands of the profession			Students learn how to create compelling resumes and portfolios that showcase their skills, experiences, and design projects effectively to potential employers or clients	Preparing for job interviews or client presentations hones students' ability to communicate confidently, articulate their ideas, and present their work professionally. Understanding the process of entering the profession encourages students to develop their personal brand, effectively communicate their unique strengths, and market themselves.		
- to learn the working of interior design studio and ideal office structure, distribution of work, authority, duties and responsibilities, reporting etc.	As students learn about office operations, they develop problem-solving skills, addressing challenges related to projects, coordination, and communication.	Understanding office dynamics through different hierarchy acts helps students manage their tasks and responsibilities efficiently, meeting project deadlines and contributing to team productivity.			Understanding how an interior design studio operates through flowcharts teaches students to collaborate effectively within multidisciplinary teams, respecting diverse viewpoints and contributions. Learning about office structure involves clear communication within the team and with clients. Students practice conveying ideas, updates, and feedback clearly and professionally.		
- to learn about work ethics: Acts applicable, basis for professional fees and scales of fees, accounting, maintenance of books of accounts and records.	Assigning students budgeting exercises where they allocate costs for design projects and calculate their fees based on different pricing models helps them understand the financial aspects of interior design and hence create appropriate design solutions	Encouraging students to create sample invoices, contracts, and financial reports for fictional design projects allows them to practice accurate financial documentation and learn about transparency.		Inviting guest speakers from the industry to share their experiences and insights on work ethics, fee structures, and financial practices provides students with practical insights and real-world perspectives	Organizing group discussions or debates on topics like fee transparency, ethical dilemmas, and financial reporting encourages students to share their perspectives, learn from others, and refine their viewpoints	Presenting students with real or hypothetical scenarios related to work ethics, fee structures, and accounting challenges helps them analyze complex situations and make informed ethical decisions.	
- to Introduce to Bar Charts, Gantt Chart, PERT / CPM.		Presenting students with a series of interior design tasks and ask them to determine the most logical sequence. This activity helps them understand the concept of task dependencies and the order in which tasks should be executed.	Providing students with case studies of interior design projects that involve various tasks, uncertainties, and interdependencies. Ask them to use PERT/CPM techniques to identify the critical path, estimate project duration, and manage uncertainties.	Providing students with a set of tasks for a simple interior design project. Ask them to create a bar chart (also known as a timeline chart) using software tools or manually on paper. This activity helps them visualize task durations and their sequential arrangement			