

	Program :	B.Sc - Interior Design & Management (IDM)		
	PO Code	Programme Outcomes		
	PO1	The students will learn the characteristics of design and its application in interiors. They also acquire the practical skill of creating designs.		
	PO2	The students become knowledgeable of the importance of applying anthropometric and ergonomic concepts in interiors and furniture designs		
	PO3	Students get exposed to design development through various eras to inculcate knowledge in future projects		
	PO4	The students acquire knowledge of building elements, construction and finishing materials and its applications		
	PO5	Students will learn building services such as electrical, plumbing, rain water harvesting, sanitation, heating, ventilation, air conditioning, acoustics, damp proofing, fire and termite proofing		
	PO6	The Students will learn accurate detailing of interior spaces and furniture		
	PO7	The students gain expertise of designing interior spaces of residence, offices, educational institutions, hotels and hospitals		
	PO8	The students get the concept of restoration, preservation and rehabilitation of heritage and old buildings		
	PO9	The students will realise the importance of ecological balance and learn to develop landscape design		
	PO10	Students acquire knowledge about profit and cost management techniques		
	PO11	With the help of the knowledge acquired, they will be proficient to design spaces like, Residential, Office, Educational Institutions, Hotels and Hospitals		
Semester	Course Code	Course Name	CO Code	Course Outcomes
I	IDM1A	FOUNDATION TO DESIGN	CO1	Students understand the fundamentals and classification of designs.

			CO2	Students will analyse design qualities and design motifs.
			CO3	Develop skill to create simple design.
			CO4	Students will get exposure to the meaning and importance of elements of design.
			CO5	Get practical exposure about design elements and impart it in the development of figures.
			CO6	Students will get the knowledge about colour theories and its application in Design.
			CO7	Understand colour wheel and develop colour schemes.
			CO8	Get practical exposure in mixing colours to develop different intensities and dynamics.
			CO9	Get exposed to the role of colour on human psychology and will be able to plan to use colours in design.
			CO10	Students will be exposed to different principles used in design.
			CO11	Enable students to understand the nature of different principles of design and their application in interiors.
I	IDM1B	BASIC DRAWING	CO1	The students gain awareness of how textures, patterns and materials can be represented through free hand sketching, colouring and hatching.
			CO2	The students will be able to illustrate natural and man-made objects in realistic and abstract forms.
			CO3	The students will develop drafting techniques and Impart knowledge about the fundamentals of scales, conversion and its applications.
			CO4	The students learn to develop and utilize creative and

				formal fonts in calligraphy and typography.
			CO5	The students will have creative ability to develop forms for constructing simple and complex 3D models.
			CO6	The students understand the signs and symbols used in architectural drawings, concept of planes and points and the representation of these in technical drawings.
			CO7	The students will be able to represent the 3D objects as isometric views.
			CO8	The students will be able to interpret and develop the orthographic diagrams from images and/or technical drawings.
			CO9	The students will be able to draft one-point perspective and two-point perspective drawings and render them using numerous rendering techniques.
			CO10	The students will be able to illustrate the shades and shadows using Sciography drafting techniques & use the revolution technique to design elements like columns, balustrades etc.
I	IDM1C	ANTHROPO METRIC AND ERGONOMIC S	CO1	The students get exposed to the meaning, scope and functional aspects of ergonomics.
			CO2	Understand different anthropometric measures in a static and dynamic condition.
			CO3	Learn fundamentals of human body such as dimensions and postures and its importance in designing aspects.
			CO4	The Students realise the effects of body postures on health.

			CO5	The students learn workspace design and dimensions of various work spaces.
			CO6	The students will be able to develop ergonomically friendly furniture products.
			CO7	The students are able to analyse the effect of environment on work and stress.
			CO8	The Students will be able to design ergonomically friendly kitchen designs.
II	IDM2A	INTERIOR DESIGN-I (RESIDENCE)	CO1	The students gain awareness of evolution of design trends.
			CO2	The students gain awareness of evolution of design trends.
			CO3	The students will be able to compare the pros and cons of existing residential projects as part of case studies.
			CO4	The students appreciate and incorporate the anthropometric and ergonomic data of a residential space in their designs.
			CO5	The students will be able to develop concepts and themes for the project.
			CO6	The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
			CO7	The students will be able to design the plumbing and air conditioning services.
			CO8	The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
			CO9	The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
			CO10	The students will be able to develop material and mood boards for final presentation.

II	IDM2B	CONSTRUCTION-1	CO1	The students get the knowledge about types and materials used for foundation.
			CO2	The students will learn the type of walls and different types of partitions and wall finishes.
			CO3	The students gain knowledge about the details of the doors such as materials, finishing, construction of frames and joints and fixing up of doors.
			CO4	The students understand the types and materials used for windows.
			CO5	The students gain knowledge about the ceilings, arches used in building.
			CO6	The students learn the functions of Lintels.
II	IDM2C	DESIGN TRANSFORMATION	CO1	The Students learn to appreciate the visual communication in the form of arts and crafts.
			CO2	The students get exposed to the transformation of arts, architectural design, interiors and furniture of different eras.
			CO3	Students will be able to assess the transformation of building materials from the Stone Age to modern era.
			CO4	The student distinguishes different furniture styles and their characteristic features.
			CO5	The students get knowledge about the principles behind Vaastu and its application in interiors
			CO6	The students learn to execute the design features studied in design of interior spaces.
			CO7	The students study the work and styles of eminent interior designers.
			CO8	The student will be enriched with latest information of the industry and can perceive future and upcoming trends.

III	IDM3A	INTERIOR DESIGN-II (OFFICES)	CO1	The students gain awareness of evolution of design trends.
			CO2	The students gain knowledge of current trends and latest projects in India and abroad.
			CO3	The students will be able to compare the pros and cons of existing office projects as part of case studies.
			CO4	The students appreciate and incorporate the anthropometric and ergonomic data of office space in their designs.
			CO5	The students will be able to develop concepts and themes for the project.
			CO6	The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
			CO7	The students will be able to design the plumbing and air conditioning services.
			CO8	The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
			CO9	The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
			CO10	The students will be able to develop material and mood boards for final presentation.
IDM3B	CONSTRUCTION 2	CO1	The students understand parts of the staircase, classification and materials used for staircase construction.	
		CO2	The students learn the staircase design.	

			CO3	Get knowledge about the diverse types of flooring and materials used for floor covering.
			CO4	Learn flooring material calculation for different spaces.
			CO5	The students will gain knowledge about carpets and rugs and its types and usage.
			CO6	The students get exposed to carpet selection, laying techniques and maintenance.
			CO7	The student's learn construction methods of furniture, types of joinery, hardware fittings, fixtures, fastenings.
			CO8	Gain knowledge about Materials used for making furniture.
	IDM3C	SERVICES -1	CO1	Students will Gain knowledge on the need for various building services.
			CO2	Students will acquire understanding and importance of electrical services and will be able to design electrical layouts of the buildings.
			CO3	The students learn plumbing services with the knowledge of types of plumbing and sanitary methods and fittings.
			CO4	The students Gain knowledge to implement the design of plumbing layouts for residences and apartment building.
			CO5	Students will gain knowledge on air conditioning systems and understand the various processes in providing good ventilated houses.
			CO6	The student's will assess the importance of rain water harvesting and the various means and methods of harvesting rain water.

			CO7	The students will be able to identify the requirements for rain water harvesting structures and the components that affect these structures.
IV	IDM4A	INTERIOR DESIGN-III (EDUCATIONAL INST.)	CO1	The students gain awareness of evolution of design trends.
			CO2	The students gain knowledge of current trends and latest projects in India and abroad.
			CO3	The students will be able to compare the pros and cons of existing educational institutional projects as part of case studies.
			CO4	The students appreciate and incorporate the anthropometric and ergonomic data of a educational institutional space in their designs.
			CO5	The students will be able to develop concepts and themes for the project.
			CO6	The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
			CO7	The students will be able to design the plumbing and air conditioning services.
			CO8	The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
			CO9	The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
			CO10	The students will be able to develop material and mood boards for final presentation.
	IDM4B	LANDSCAPE DESIGN	CO1	Students will realize the Ecology and Ecosystems.

			CO2	Understand the role of Geology and Hydrology in creating landscape gardens.
			CO3	Students will gain knowledge about the importance of landscape gardens, roof garden and interior landscaping.
			CO4	Enable to incorporate the principles of landscape design while creating gardens
			CO5	The students gain knowledge about different plant materials and their usage.
			CO6	The students will understand the landscape products and its usage.
			CO7	Students gain competence of landscape designing which includes the lighting, water supply, drainage, roads and pedestrian pathways.
			CO8	The students get an elaborate knowledge about Historical Landscape Gardens.
	IDM4C	HOSPITALITY & COMMERCIAL SPACE PLANNING	CO1	The students gain design knowledge on lodging facilities and related functions.
			CO2	The students will be able to appreciate the small scale designing elements of a hotel.
			CO3	The students can recreate and design various components of a hotel.
			CO4	The students learn the importance of space and materials in designing lodging, hotel and restaurants.
			CO5	The students gain knowledge about designing merchandising of a store.
			CO6	The students learn the importance of colours, materials, floor planning and lighting in a store design

			CO7	The students learn the impact of wrong designs and special planning.
			CO8	The students gain an understanding on the outdoor aspects of a store.
			CO9	The students will learn the importance and designing of the window displays.
			CO10	The students gain knowledge about designing permanent and temporary stage structures.
			CO11	The students will understand the importance of fire safety in temporary and permanent store and stage structures.
V	IDM5A	INTERIOR DESIGN-IV (HOSPITALITY)	CO1	The students gain awareness of evolution of design trends.
			CO2	The students gain knowledge of current trends and latest projects in India and abroad.
			CO3	The students will be able to compare the pros and cons of existing hotel projects as part of case studies.
			CO4	The students appreciate and incorporate the anthropometric and ergonomic data of a hotel space in their designs.
			CO5	The students will be able to develop concepts and themes for the project.
			CO6	The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
			CO7	The students will be able to design the plumbing and air conditioning services.
			CO8	The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.

			CO9	The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
			CO10	The students will be able to develop material and mood boards for final presentation.
	IDM5B	INTERIOR DECORATION	CO1	The student be able to decorate interior spaces holistically in terms of Soft Furnishings, Window Treatments, Accessories, Lighting and Lighting Fixtures.
			CO2	The students will be able to analyse the different types of soft furnishing for their material, quality and functionality in the interiors.
			CO3	The students will be able to choose various types of window treatments like draperies, sheer curtains, blinds etc.
			CO4	The students become competent to design different Curtain styles according to functionality of interiors.
			CO5	The students understand various types of hard furnishings that can be used both in interior and commercial spaces like awnings, canopies, blinds and shades.
			CO6	The students gain expertise to choose between range of functional and decorative accessory which give character to the décor of interiors.
			CO7	The students become efficient in giving the cost estimation for Soft Furnishings, window Treatments, and other furnishings used in interiors.

	IDM5C	PROJECT AND COST MANAGEMENT	CO1	The students will learn the concept of project and the need of cost management.
			CO2	Students will learn the phases of project planning and preparing feasibility report.
			CO3	The students get exposed to technique of cost planning and budgeting.
			CO4	The students will understand organising techniques, accountability and tendering procedures.
			CO5	The students will be able to outline the skills, duties and authorities of a project manager.
			CO6	The student gets an insight on the tendering procedures.
			CO7	The students will be able to imply project scheduling, gain knowledge on flexi targets and differentiate on CAT and RAT.
			CO8	The students will Gain knowledge on Gantt chart, PERT and CPM techniques of evaluation of project.
	IDM5D	WORKING DRAWING	CO1	The students will be able to improve existing layouts to fit in exact number of elements required.
			CO2	The students will be able to appreciate the usage of small spaces to accommodate required facilities.
			CO3	The students will gain knowledge on how to use and demonstrate various elements and materials.
			CO4	The students will learn to create details of specific furniture and design elements.

			CO5	The students will be able to detail the layouts to show partition placements, furniture placements, electrical and other services.
			CO6	The students will be able to create detailed documentation of kitchens and specifications of residential projects.
			CO7	The students will be able to impart construction and estimation information
			CO8	The students can create detail designs and specifications of office project.
			CO9	The students can create detail designs and specifications of bathrooms, toilets and powder rooms including tile and fixtures calculations
			CO10	The students can create detail designs and specifications of wardrobes and built-in furniture.
			CO11	The students will be able to detail and document material and quantity schedules. & doors and windows schedules
	IDM5E	SERVICES-II	CO1	The students acquire knowledge about the concept, nature, types and properties of sound.
			CO2	The students get to know the factors which affect the transmission of sound.
			CO3	The students will get exposed to sound absorbents, diffusers which are used to create ideal acoustical conditions in interiors.
			CO4	The student acquires understanding on an array of security systems, electronic locking devices and will be able to apply the same when designing interiors.

			CO5	The students will be able to judge on different Circuit breakers and Earthing systems to be provided in buildings
			CO6	The student will be able to provide appropriate provisions for HVAC installations.
			CO7	The student will be able to interpret on reasons of dampness in buildings and design for damp proofing at Planning and construction level.
			CO8	The Student will be able to technically analyse the signs of dampness and suggest appropriate remedial measures for dampness in foundation, flooring, walls, ceiling etc
			CO9	The student will be able to distinguish the damage caused by different types of termites in buildings and offer remedial solutions.
			CO10	The students gain knowledge about the fire-resistant materials to be used in construction of buildings
			CO11	The students will learn installation of appropriate fire detection systems and design Fire Proof materials in interiors
		COMMUNICATION & PRESENTATION	CO1	The student will learn the objectives and various methods and channels of communication.
			CO2	The student will be able to assess the barriers of communication and 7Cs of communication to overcome the barriers.
			CO3	The student learns to design resumes, write cover letters, job application letters.
			CO4	Students gain expertise of writing memos of project for presentation.

			C05	The students realise the various editorial techniques and the thought process behind the leads.
			C06	The student will be able to deliver presentations, learn the skill to be a good speaker.
			C07	The students will be able to identify photography as one of the important means of communication.
			C08	The students get exposure to different types of cameras and operating cameras.
			C09	The students will be able to understand the use of natural light and artificial light for photography in various interior spaces.
VI	IDM6A	INTERIOR DESIGN -V (HOSPITAL)	C01	The students gain awareness of evolution of design trends.
			C02	The students gain knowledge of current trends and latest projects in India and abroad.
			C03	The students will be able to compare the pros and cons of existing hospital projects as part of case studies.
			C04	The students appreciate and incorporate the anthropometric and ergonomic data of a hospital space in their designs.
			C05	The students will be able to develop concepts and themes for the project.
			C06	The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
			C07	The students will be able to design the plumbing and air conditioning services.
			C08	The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.

			CO9	The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
			CO10	The students will be able to develop material and mood boards for final presentation.
	IDM6B	RENOVATION , RESTORATION & REMODELING	CO1	The student gets to understand the difference between restoration, rehabilitation, preservation and renovation.
			CO2	The student learns to use appropriate standards and techniques for preservation, restoration, renovation of old buildings.
			CO3	The student becomes efficient in identifying the causes of deterioration of buildings and understands the right type of approach to rectify the defect.
			CO4	The students understand different categories of maintenance work that can be applied to old buildings.
			CO5	The students critically analyse the signs to identify different structural and non-structural defects in buildings.
			CO6	The students learn different destructive and non-destructive tests that can be done to detect internal defects in buildings.
			CO7	The students gain knowledge on conservation of traditional buildings that have stucco, wood siding and stone masonry.
	IDM6C	PROFESSIONAL PRACTICE.	CO1	The students get knowledge about the History of Interior Design as a Profession.
			CO2	The students get to know the different Interior Design Associations, their activities.
			CO3	The students gain knowledge about Title laws and laws

				pertaining to Registration, Licensing etc.
			CO4	The students understand Contract, types of contract, Validity of contract and implications of Breach of contract.
			CO5	The students understand Tendering Process, documents required etc.
			CO6	The students are enlightened about Arbitrator, his role and Arbitration Agreement, Arbitral Tribunal.
			CO7	The students get to know the concept of Entrepreneurship, Qualities required to become Entrepreneur, different types of Entrepreneurs and their roles.
	IDM6D	SPECIFICATIONS AND ESTIMATION	CO1	The students will understand the importance of creating estimates for a project during designing process & appreciate the use of different material combinations used to accommodate a given budget
			CO2	The students will be able to create material boards to present to client & learn to appreciate the several types of estimates based on the specification of materials, furniture, furnishings, services etc.
			CO3	The students will be able to derive quantities schedules of construction materials, Furniture and furnishing materials.
			CO4	The students will learn to document a detailed bill of quantities for a given project.
			CO5	The student will be able to maintain quality checks based on material schedules.
			CO6	The students will learn to document a detailed brand schedule for the project.

			C07	The students will be able to calculate and document the fees proposal based on the final bill of quantities.
			C08	The students will learn to negotiate and bargain to finally settle on the obtained budget.
			C09	The students will also gain knowledge on calculating fees based on area of the project and budget of the project.
	IDM6E	TERM END PROJECT	C01	The students gain awareness of evolution of design trends.
			C02	The students gain knowledge of current trends and latest projects in India and abroad.
			C03	The students will be able to compare the pros and cons of existing type of selected project as part of case studies.
			C04	The students appreciate and incorporate the anthropometric and ergonomic data of selected project space in their designs.
			C05	The students will be able to develop concepts and themes for the project.
			C06	The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
			C07	The students will be able to design the plumbing and air conditioning services.
			C08	The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
			C09	The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
			C010	The students will be able to develop material and mood boards for final presentation.

	IDM6F	INTERNSHIP	CO1	The students gain awareness of working under pressure & learn to appreciate the design methodology used in their office.
			CO2	The students will learn to develop detailed working drawings and specifications.
			CO3	The students will learn to work in teams and how to update/make changes in designs and drawings accordingly.
			CO4	The students visit construction sites to gain knowledge about material usage & get involved in negotiations and gain an understanding of it.
			CO5	The students understand the process of selecting materials like hardware, lighting, flooring, wall colours, furnishes etc.
			CO6	The students learn how to use alternative materials and furnishings to accommodate a budget.
			CO7	The students understand the various changes required to be incorporated during designing and execution process.
			CO8	The students will be able to analyse and compare how designs transform into reality.
			CO9	The students will learn on the furnishing and decorating process towards the end of a project.
			CO10	The students gain an understanding of the hand-over process including financial settlements and final cleaning process.