

B. Sc. Interior Design and Management

Programme Specific Outcomes (PSO)

1. The students will learn the characteristics of design and its application in interiors. They also acquire the practical skill of creating designs.
2. Students get exposed to design development through various eras to inculcate knowledge in future projects.
3. Students will learn building services such as electrical, plumbing, rain water harvesting, sanitation, heating, ventilation, air conditioning, acoustics, damp proofing, fire and termite proofing.
4. The Students will learn accurate detailing of interior spaces and furniture.
5. The students will realise the importance of ecological balance and learn to develop landscape design.
6. With the help of the knowledge acquired, they will be proficient to design spaces like, Residential, Office, Educational Institutions, Hotels and Hospitals.

I Semester

Course Title : IDM DSC– 1 : FUNDAMENTALS OF INTERIOR DESIGN

Course Outcomes (CO)

1. Students understand the fundamentals and classification of designs.
2. Get practical exposure about design elements and impart it in the development of figures.
3. Get exposed to the role of colour on human psychology and will be able to plan to use colours in design.
4. Enable students to understand the nature of different principles of design and their application in interiors.
5. Students will understand and learn to apply good design criteria in interiors.

Course Title : IDM DSC – 2 : CONSTRUCTION MATERIALS

Course Outcomes (CO)

1. Students understand the basic materials used in construction.
2. Students will know the properties and uses of different building materials.
3. Get exposed to the availability of different types of Timber and their defects, engineering wood and veneers.
4. Enable students to understand the different varieties of Paints and Adhesives and their application in interiors
5. Get practical exposure in collecting samples of building materials and creation of material

Course Title : IDM DSC – 3 : 2 D & 3 D GRAPHICS

Course Outcomes (CO)

1. The students gain awareness of how textures, patterns and materials can be represented through free hand sketching, colouring and hatching.
2. The students will develop drafting techniques and Impart knowledge about the fundamentals of scales, conversion and its applications.
3. The students understand the signs and symbols used in architectural drawings.
4. The students will be able to represent the 3D objects as isometric views.
5. The students will be able to interpret and develop the orthographic diagrams from images and/or technical drawings.

Course Title : IDM – OE 1 : BASICS OF DESIGN

Course Outcomes (CO)

1. Students understand the fundamentals and classification of designs.
2. Get practical exposure about design elements and principles of design and impart it in the development of figures.
3. Understand the different Folk and Tribal designs.
4. Students will get the knowledge about colour theories and its application in Design.
5. Students will understand and learn to prepare accessories.

II Semester

Course Title : IDM DSC – 4 : ERGONOMICS

Course Outcomes (CO)

1. The students get exposed to the meaning, scope and functional aspects of ergonomics.
2. Understand different anthropometric measures in a static and dynamic condition.
3. Learn fundamentals of human body such as dimensions and postures and its importance in designing aspects.
4. The students will be able to develop ergonomically friendly furniture products.
5. The students be able to analyse the effect of environment on work and stress.

Course Title : IDM DSC – 5 : CONSTRUCTION DETAILING - I

Course Outcomes (CO)

1. The students get the knowledge about types and materials used for foundation.
2. Gain knowledge about Brick masonry and Stone masonry and its application.
3. Understand the different types of wall finishes can be used in Interiors.
4. The students learn the functions of door, window and ventilator and their usage.
5. The students gain knowledge about the details of the doors and windows such as materials, finishing, construction of frames and fixing up of doors.

Course Title : IDM DSC - 6 : CAD IN INTERIORS - I

Course Outcomes (CO)

1. Utilize the power and precision of AutoCAD as a drafting and design tool used in the Interior design.
2. Apply basic CAD concepts to develop and construct accurate 2D geometry through creation of basic geometric constructions.
3. Create, manipulate and edit 2D drawings and figures.
4. Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in projects with a focus on Interior Design industry standards.

Course Title : IDM – OE 2 : VISUAL MERCHANDISING

Course Outcomes (CO)

1. Comprehension on the differences between merchandise display and window display.
2. The students learn the importance of colours, materials, floor planning and lighting in a store design.
3. The students learn the impact of wrong display and special planning.
4. The students gain an understanding on the outdoor aspects of a store.
5. The students will learn the importance and designing of the window displays.

III Semester

Course Title : IDM DSC – 7 : SPACE PLANNING IN INTERIORS

Course Outcomes (CO)

1. The students get knowledge about special organisations.
2. Know the importance of climate and its influence on spatial planning.
3. Gain knowledge about the principles of planning and its application.
4. Learn the importance of Analyse and Synthesis in Space design.
5. Students will develop floor plan to understand the circulation spaces, construction reality and spatial quality.

Course Title : IDM DSC – 8 : BASIC BUILDING SERVICES

Course Outcomes (CO)

1. Students will acquire understanding and importance of electrical services and will be able to design electrical layouts of the buildings.
2. The students learn plumbing services with the knowledge of types of plumbing and sanitary methods and fittings.
3. Students will gain knowledge on importance and types of lighting.
4. The student will be able to understand the relationship of staircases and lifts and their location in plan.
5. The students will learn installation of appropriate fire detection systems and Fire Proof materials in interiors.

Course Title : IDM DSC - 9 : CAD IN INTERIORS - II

Course Outcomes (CO)

1. Understand the fundamentals of Adobe Photoshop and how to navigate the interface.
2. Learn how to work with layers, selections, and masks to create complex designs and artwork.
3. Gain expertise in colour correction, photo retouching, and compositing.
4. Discover techniques for organizing workflow and managing projects efficiently.
5. Develop a portfolio of high-quality work that showcases skills and creativity.

Course Title : IDM – OE 3 : Revitalisation of Arts and crafts of India

Course Outcomes (CO)

1. The students understands the different art forms.
2. The students gain knowledge about traditional arts and crafts of various states of India.
3. Gain knowledge about Indian Traditional Crafts and material used for that.
4. The students will understand the Folk arts of India and its application in interiors.
5. Get knowledge about the Decorative art and Textile arts and crafts in interiors.

IV Semester

Course Title : IDM DSC - 10 : HISTORY OF INTERIORS

Course Outcomes (CO)

1. The students get exposed to the transformation of arts, architectural design, interiors and furniture of different eras.
2. Students will be able to assess the transformation of building materials from the Stone Age to modern era.
3. The student distinguishes different furniture styles and their characteristic features.
4. The students study the work and styles of eminent interior designers.
5. The student will be enriched with latest information of the industry and can perceive future and upcoming trends.

Course Title : IDM DSC - 11 : CONSTRUCTION DETAILING - II

Course Outcomes (CO)

1. The students understand parts of the staircase, classification and materials used for staircase construction.
2. Get knowledge about the diverse types of flooring and materials used for floor covering.
3. The students get exposed to carpet selection, laying techniques and maintenance.
4. The students gain knowledge about the ceilings, arches used in building.
5. The students learn the functions of Lintels.

Course Title : IDM DSC - 12 : INTERIOR DESIGN – RESIDENCE

Course Outcomes (CO)

1. The students gain knowledge of current trends and latest projects in India and abroad.
2. The students will be able to develop concepts and themes for the project.
3. The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
4. The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
5. The students will be able to develop material and mood boards for final presentation.

V Semester

Course Title : IDM DSC - 13 : PROFESSIONAL PRACTICE

Course Outcomes (CO)

1. The students gain knowledge about Title laws and laws pertaining to Registration and Licensing.
2. The students understand Contract, types of contract, Validity of contract and implications of Breach of contract.
3. The students understand Tendering Process, documents required etc.
4. The students are enlightened about Arbitrator, his role and Arbitration Agreement, Arbitral Tribunal.
5. The students get to know the concept of Entrepreneurship, Qualities required to become Entrepreneur, different types of Entrepreneurs and their roles.

Course Title : IDM DSC - 14 : ADVANCED BUILDING SERVICES

Course Outcomes (CO)

1. The students will get exposed to sound absorbents, diffusers which are used to create ideal acoustical conditions in interiors.
2. The student acquires understanding on an array of security systems, electronic locking devices and will be able to apply the same when designing interiors.
3. The students will be able to judge on different Circuit breakers and Earthing systems to be provided in buildings
4. The student will be able to provide appropriate provisions for HVAC installations.
5. The Student will be able to technically understand the functioning of elevators.

Course Title : IDM DSC - 15 : INTERIOR DESIGN – II OFFICE.

Course Outcomes (CO)

1. The students gain knowledge of current trends and latest projects in India and abroad.
2. The students will be able to compare the pros and cons of existing office projects as part of case studies.
3. The students will be able to develop concepts and themes for the project.
4. The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
5. The students will be able to develop material and mood boards for final presentation.

Course Title : IDM - DSE – 1 (FIXED) : MODEL MAKING & FURNITURE DESIGN

Course Outcomes (CO)

1. The students will have creative ability to develop forms for constructing simple and complex 3D models.
1. The student will learn about wood joinery.
2. The student will learn to design and construct a furniture piece.
3. Students will get know the different materials can be used in furniture making.
4. Students will gain knowledge about recycling and retrofitting of old furniture.

Course Title : IDM – VOCATIONAL – 1 : WORKING DRAWING

Course Outcomes (CO)

1. The students will gain knowledge on how to use and demonstrate various elements and materials.
2. The students will be able to detail the layouts to show partition placements, furniture placements, electrical and other services.
3. The students will be able to create detailed documentation of kitchens and specifications of residential projects.
4. The students will be able to impart construction and estimation information.
5. The students can create detail designs and specifications of wardrobes and built-in furniture.

VI Semester

Course Title : IDM - DSC – 16 : RENOVATION & RESTORATION

Course Outcomes (CO)

1. The student learns to use appropriate standards and techniques for restoration and renovation of old buildings.
2. The student becomes efficient in identifying the causes of deterioration of buildings and understands the right type of approach to rectify the defect.
3. The students understand different categories of maintenance work that can be applied to old buildings.
4. The students critically analyse the signs to identify different structural and non-structural defects in buildings.
5. The students learn different destructive and non-destructive tests that can be done to detect internal defects in buildings.

Course Title : IDM - DSC – 17 : LANDSCAPE DESIGN

Course Outcomes (CO)

1. Students will gain knowledge about the importance of landscape gardens, roof garden and interior landscaping.
2. Enable to incorporate the principles of landscape design while creating gardens.
3. The students gain knowledge about different plant materials and their usage.
4. The students will understand the landscape products and its usage.
5. Students gain competence of landscape designing which includes the lighting, water supply, drainage, roads and pedestrian pathways.
6. The students get an elaborate knowledge about Historical Landscape Gardens.

Course Title : IDM - DSC – 18 : INTERIOR DESIGN – III EDUCATIONAL INSTITUTION.

Course Outcomes (CO)

1. The students will be able to compare the pros and cons of existing educational institutional projects as part of case studies.
2. The students appreciate and incorporate the anthropometric and ergonomic data of an educational institutional space in their designs.
3. The students will be able to develop concepts and themes for the project.
4. The students design and illustrate the furniture layouts, wall treatments, floor and ceiling treatments in relation to the services.
5. The students will be able to design the plumbing and air conditioning services.
6. The students learn to illustrate the 2 - dimensional details into 3- dimensional perspectives with rendering.
7. The students will learn to design and develop joinery details of furniture, wall, flooring and ceiling treatments.
8. The students will be able to develop material and mood boards for final presentation.

Course Title : IDM – DSE-2 (FIXED) : PROJECT AND COST MANAGEMENT.

Course Outcomes (CO)

1. The students will learn the concept of project and the need of cost management.
2. Students will learn the phases of project planning and preparing feasibility report.
3. The students get exposed to technique of cost planning and budgeting.
4. The students will understand organising techniques, accountability and tendering procedures.
5. The students will be able to outline the skills, duties and authorities of a project manager.
6. The student gets an insight on the tendering procedures.

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Course Title : IDM – VOCATIONAL – 2 : SPECIFICATION & ESTIMATION.

Course Outcomes (CO)

1. 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.
2. 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.
3. The students will be able to derive quantities schedules of construction materials, Furniture and furnishing materials.
4. The students will learn to document a detailed bill of quantities for a given project.
5. The student will be able to maintain quality checks based on material schedules.