

INDUS DESIGN SCHOOL
Bachelor of Design | Semester III

Interior Design| SEMESTER III
TEACHING & EXAMINATION SCHEME
July - December 2021

SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
			L	T	P			THEORY		PRACT			
								CIE		ESE	CIE	ESE	
								MID	IE				
1	IDID0301	Presentation Technique - Manual	01	00	02	2	03	00	00	00	60	40	100
2	IDID0302	Presentation Techniques - AutoCAD	00	00	02	1	02	00	00	00	60	40	100
3	IDID0303	Technical Representation of Drawing I	01	00	03	2.5	04	00	00	00	60	40	100
4	IDID0304	Material & Technology I	02	00	02	3	04	00	00	00	60	40	100
5	IDID0305	Basic Structure I	01	00	01	1.5	02	00	00	00	60	40	100
6	IDID0306	Services I	01	00	01	1.5	02	00	00	00	60	40	100
7	IDID0307	History of Art & Design	01	00	01	1.5	02	00	00	00	60	40	100
8	IDID0308	Colour Theory & Psychology	01	00	01	1.5	02	00	00	00	60	40	100
9	IDID0309	Basic Design I	02	00	02	3	04	00	00	00	60	40	100
10	IDID0310	Design Studio I	02	00	04	4	06	00	00	00	60	40	100
11	IDID0311	Electives I	00	00	04	1	04	00	00	00	60	40	100
TOTAL			12	00	23	24	35	00	00	00	720	480	1200

Subject: PRESENTATION TECHNIQUE - MANUAL								
Program: B.Design			Subject Code: IDID0301			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

To develop drawing skills as tools for visualization and representation of design.

COURSE CONTENT:

Basic sketching techniques and of object drawing/buildings/landscape/vehicles in relation to human scale and proportions.

Basic rendering, coloring and painting techniques in various media

Subject: PRESENTATION TECHNIQUES - AUTOCAD								
Program: B.Design			Subject Code: IDID0302			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Learning to be familiar with basic software of AutoCAD as it's a main software of interior design

COURSE CONTENT:

- Basic introduction to AutoCAD.
- All the commands in the software along with shortcut commands.
- Teaching Line types, line weights & presentation techniques.
- Few TRD sheets in AutoCAD.
- Drawing plan with measurements and then projecting the elevation

Subject: TECHNICAL REPRESENTATION OF DRAWING I								
Program: B.Design			Subject Code: IDID0303			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	3	2.5	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Learning drawing skill for design thinking, visualization and representation. Facilitating visualization and 3D perception and putting them on paper in form of technical drawings (plans, elevations and sections)

COURSE CONTENT:

- Familiarizations with drawings materials and equipment
- Point and line, straight and curvilinear lines, lettering
- Line Intensity, sharpness and gradation for presentation
- Introduction to Drawing terms
- Principles of plane geometry, scale, orthographic projection - of points, lines, planes and solids Sections of solids, simple and complex solids
- Sections of solids – simple & complex.
- Development of surfaces of solids
- Presentation through isometric and axonometric Drawings using model bases
- Basic One-Point Perspective

Subject: MATERIAL & TECHNOLOGY I								
Program: B.Design			Subject Code: IDID0304			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Understanding Building as a system.
- Introduction of basics of building material and construction methods.

COURSE CONTENT:

- Study various properties of basic building construction materials such as sand, cement, lime, brick, stone, wood(Introduction)
- Study of brick and stone masonry
- Study of Brick partition and infill walls
- Structural properties and applications in building
- Appropriate use of materials with respect to building techniques
- Study of Brick partition and infill walls
- Light weight/ concrete blocks constructions
- Understanding Roofs & its Options-Functional Requirements
- Flat roof structures - flat roof materials / finishes; Pitched Roofs
- Functional requirements of Ground Floors & Upper Floors

Subject: BASIC STRUCTURE I								
Program: B.Design			Subject Code: IDID0305			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Exposure to build forms through behavior of materials and Basic Structural systems.

COURSE CONTENT:

- Glossary of technical words.
- Natural structures and their intuitive behavior, their relationship with man-made structures, with various examples through models and analysis
- Functions of structures.
- Primary and secondary forces acting on structures – gravitational force i.e. dead load, live load, and environment loads like wind, temperature variation, earthquake etc.
- Basic elements of structure and study of their behavior through models.
- Characteristic requirements of structural design – strength, stiffness and stability
- Structural properties of basic materials like masonry, timber, concrete and steel.
- Introduction to basic structural systems such as post-beam, bearing wall system, Trusses, rigid frames and their behavior. Study of distribution of loads through the elements of these systems with the help of case Studies.
- Effect of simple geometric forms on the overall structural behaviour.

Subject: SERVICES I								
Program: B.Design			Subject Code: IDID0306			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE DESCRIPTION:

In interior designing it is important to cultivate understanding of services as an internal part of a good interior design proposal. Emphasis in this subject is on water supply, water disposal & sewage.

COURSE OBJECTIVES:

- At the end of the course the participants would be able to define the meaning of services and its importance in interiors.
- Water Supply-Sources, elements of the systems, layout and design of system, connections with Municipal supply.
- Water disposal- Sullage and sewage various systems of waste removal and disposal, fitting and elements of system.
- Bathroom fixtures, accessories, Fitting-Resource file.
- Connection to outdoor drainage system, size requirement, types of pipe available in market.
- Principles of drainage lines, Materials and accessories.

Subject: HISTORY OF ART & DESIGN								
Program: B.Design			Subject Code: IDID0307			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Investigation in history in relation with designs – typological rather the stylistic approach in history of design. To understand the importance of civilizations and its relevance in Architecture, Design and Art.

COURSE CONTENT:

- Study (introduction) and design history of various eras/ periods
- Pre historic and its indigenous designs – Indus valley civilizations, Mesopotamia
- Ancient cultures - Egypt, French, Greece and Rome, etc.
- Study of India from Gupta and Maurya period to pro-Islamic medieval cultures. Early Islamic cultures of Middle East, China and early Japanese development.
- Special differentiations and different adaptations in design.
- Study on the particular civilizations, and its impact on present design and its relevance.

Subject: COLOUR THEORY & PSYCHOLOGY								
Program: B.Design			Subject Code: IDID0308			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Developing awareness about different colors, colour schemes to the interior design & its impact on psychology.

COURSE CONTENT:

- Introduction to colour schemes in interiors.
- Introduction Interior aspects responsible for overall colour schemes of the interior design.
- Colour variations possible in ceiling, flooring, furniture & furnishings that shall be responsible for colour schemes.
- Differentiating about neutral colours in interiors.
- How colour schemes affect psychology
- Colour is a powerful communication tool and even influence physiological reactions.

Subject: BASIC DESIGN I								
Program: B.Design			Subject Code: IDID0409			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Design key/Basics
- Introduction to theories perception
- Visual perception and expression through simple elements of design: lines, planes, solids etc.
- Visual organization and perception of spaces through elements.
- Developing Freehand Drawing Skills using Different Techniques, tools, and media, to enhance observation and visual perception

COURSE CONTENT:

- Understanding Principals of designs.
- Understanding of elements of visual perception - line, form, space, color, texture, pattern etc.
- Relationship among forms, Space & Order relationship,
- Analysis of visual impression of forms through line, plane and solids, and their integration, evolution of forms.
- Visualization of ideas- Understanding design issues through order, pattern, scale, size, etc
- Composition: Symmetrical/Asymmetrical/Balanced/Unbalanced, Steady/Dynamic
- Perception of forms through movement in space.
- Scale and human relation
- Observation & recording through drawing – Pencil, pen, brush, Charcoal crayons, etc.
- Simple geometric objects complex geometrics & objects in nature line drawing shade & shading techniques.

Subject: DESIGN STUDIO I								
Program: B.Design			Subject Code: IDID0310			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	4	4	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Visual perception -simplistic level to a complex one.
- Anthropometrics-Basic Design tool
- Expression Technique- Special emphasis on presentation. -graphical- three-dimensional through models

COURSE CONTENT:

- Human being and his basic living activities.
- Understanding of activity/space relationship, programme and spatial organization, understanding of functionalities circulation, movement, transition, hierarchy of spaces etc.
- Creating spaces through analysis and synthesis.
- Functional analysis, anthropometrics, space planning for living activity.
- Human being and his basic living activities.
- Understanding small single spaces with single and multiple uses - its graphical representation.
- Anthropometrics and related design issues.
- Perception of Forms through movement in space (can be explored through sketching/photography).
- Built Form and its expression, light-air and views as issues.
- Understanding man and his basic living activity. Analysis of functions, and Space planning for the living activities.

DESIGN ISSUES:

- Efficiency in terms of movement, usability of space.
- Qualitative aspects of space.

SKILLS:

- Sketching, simple presentation
- Simple analytical drawings
- 3D Views, Scaled Models
- Use of various mediums for presentation
- Verbal skills to communicate.
- Expression techniques: 2D & 3D drawings, sketches, collage and models.
- Materials and use of structural systems.

Subject: ELECTIVES I								
Program: B.Design			Subject Code: IDID0311			Semester: III		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Introduction to various arts and skills to be explored and used in development of Designing

COURSE CONTENT:

Photography

Subject: RSP/SITE VISITS I								
Program: B.Design			Subject Code: ID0401			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

An inquiry into indigenous cultures, people's lifestyles, customs and rituals, living environment and habitation in general and community as whole.

To visit a place in India of historical relevance in terms of its Interior Design and Architecture

Historical study of places in terms of social, cultural aspects and its reflection in art and architecture.

Sketching and Measure Drawing of the chosen built form/ settlement.

Craft of surrounding areas supporting the living of the local residents.

COURSE CONTENT:

Observation, assimilation, analysis and synthesis of a region, culture or tribe.

Understanding of Scale and Human Perception.

Anthropometrics and ergonomics.

Built Form and its expression, in terms of climate and locally available resources.

Analysis of functions, and Space planning for the routine activities.

Materials and use of structural systems

INDUS DESIGN SCHOOL
Bachelor of Design | Semester IV

Interior Design| SEMESTER IV
TEACHING & EXAMINATION SCHEME
January – May 2021

SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL		
			L	T	P			THEORY		PRACT		ESE		CIE	ESE
								CIE							
								MID	IE						
1	ID0401	Environmental Science	00	00	02	1	02	00	00	00	60	40	100		
2	ID0402	Presentation Techniques	00	00	02	1	02	00	00	00	60	40	100		
3	ID0403	Representation of Technical Drawings II	02	00	02	3	04	00	00	00	60	40	100		
4	ID0404	Building Material & Construction II	02	00	02	3	04	00	00	00	60	40	100		
5	ID0405	Structure II	00	00	02	1	03	00	00	00	60	40	100		
6	ID0406	Building Services II	00	00	02	1	02	00	00	00	60	40	100		
7	ID0407	History of Interior Design	01	00	02	2	03	00	00	00	60	40	100		
8	ID0408	Design Process & Methodology	00	00	02	1	01	00	00	00	60	40	100		
9	ID0409	Basics of Design II	02	00	02	3	04	00	00	00	60	40	100		
10	ID0410	Design Studio II	02	00	04	4	06	00	00	00	60	40	100		
11	ID0411	Electives II	00	00	02	1	02	00	00	00	60	40	100		
12	ID0412	RSP/Site Visits I	01	00	02	2	03	00	00	00	60	40	100		
TOTAL			12	00	24	23	36	00	00	00	720	480	1200		

Subject: ENVIRONMENTAL SCIENCE								
Program: B.Design			Subject Code: ID0401			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Climatology - Thermal design and ventilation, Daylighting

COURSE CONTENT:

- Understanding Elements of Climate, Global Patterns and Classification of regions, Micro Climate and Thermal comfort factors, Concept of Bioclimatic chart, Effective Temperature and the applications.
- Thermal Quantities, Heat exchange of buildings, Architectural controls.
- Ventilation and air movement around buildings, design of opening and shading devices.
- Understanding use & application of materials in different climates
- Energy Efficient Rating Systems and its applications in Interior Design
- Introduction to various software

Subject: PRESENTATION TECHNIQUES								
Program: B.Design			Subject Code: ID0402			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Developing Drawing skills as tools for Design thinking and expression

COURSE CONTENT:

Learning Adobe Photoshop as a software to enhance the digital drawings, like rendering of Plans, Sections, Elevations. Compilation of sheets, etc.

Subject: REPRESENTATION OF TECHNICAL DRAWINGS II								
Program: B.Design			Subject Code: ID0403			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Developing an evolved Drawing Vocabulary as a medium of expression of Design.
- Techniques of Rendering and presentation in Different media
- Learning basic computer applications
- Learning 2 Dimensional drawings on Computers

COURSE CONTENT:

- Interpenetration of Solids and development of solid surfaces with models and drawings.
- Sciography of simple planes, solids and building elements.
- Rendering techniques and presentation techniques in different media.
- Measure drawings of a building and its interior elements
- Commands for 2 Dimensional drawings using graphical software-basic plans, elevations and sections

Subject: BUILDING MATERIAL & CONSTRUCTION II								
Program: B.Design			Subject Code: ID0404			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

•

COURSE OBJECTIVES:

- Understanding each material with its structural and finishing properties
- Understanding various system of construction and framing of openings with stress on doors and windows, their frames and related details.
- Understanding with case studies, site visits, sketches and drawings.

COURSE CONTENT:

- Design standards & criteria for placement of partitions.
- Relationship of space planning and partitions.
- Construction sequence & fitting of various partitions
- Introduction to definition & terminology of partitions.
- Explorations of typologies and their applications: 1. Types of partitions 2. Exploration of materials Construction of partition: 1. Timber (wood and ply) partitions 2. Metal partitions 3. Glass partitions Understanding of partition in relation to floor and ceiling/ roof.

Subject: STRUCTURE II								
Program: B.Design			Subject Code: ID0405			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Behavior of materials and basic structural systems.
- Definitions of: Structures, systems, elements, components;
- Fundamentals of load transfer
- Structural system design - approach to design.

COURSE CONTENT:

- Natural and man-made structural systems in such as load bearing, framed, composite, tensile, shell structures.
- Basics regarding various types of structure like masonry structure, framed structure (R. C. C. or steel) and structural systems.
- General loading conditions and various type of loading.
- Details of shear force and bending moments including direct compressive and tensile force to be understood in light of loading of various kinds.
- Structural behavior of Plinth beams, Arches and Lintels

Subject: BUILDING SERVICES								
Program: B.Design			Subject Code: ID0406			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- In interior designing it is important to cultivate understanding of services as an internal part of a good interior design proposal.
- Emphasis in this subject is on water supply & water disposal, lighting and electrification.

COURSE CONTENT:

- At the end of the course the participants would be able to define the meaning of services and its importance in interiors.
- Water supply- Sources, elements of the systems, layout and design of system, connections with Municipal supply.
- Water disposal- Sullage and sewage various systems of waste removal and disposal, fitting and elements of system.
- Bathroom fixtures, accessories, Fitting-Resource file.
- Connection to outdoor drainage system, size requirement, types of pipe available in market.
- Principles of drainage lines, Materials and accessories.
- Understanding electrification, electrical loads, switches gears and devices.

Subject: HISTORY OF INTERIOR DESIGN								
Program: B.Design			Subject Code: ID0407			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Study of different cultures, their process of synthesis, concepts, choice of elements and principles of visual order and development. Impact of industrialization in development of new forms and styles

COURSE CONTENT:

Failure of Modernism, contextually, Response to Culture

Pluralism, Irony, Ambiguity, Sculptural forms, Ornamentation, Complexity and Contradiction, less is Bore, Symbolism, Juxtaposition of Styles, etc

Post Modern: Peter Eiermann, Frank-o-Gehry, Michael Graves, Charles Moore, Arata Isozaki, Robert venture, Richard Rogers, Renzo Piano, Santiago Calatrava, Zaha Hadid Etc.

Post Modern works in Asian context: Christopher Charles Benninger, Geoffrey Bawa, Lauri Baker, Etc. Related Styles: Hi-tech, Deconstructivism, Individualism, Structuralism, Formalism, Aesthetic Movements, Etc.

Subject: DESIGN PROCESS & METHODOLOGY								
Program: B.Design			Subject Code: ID0408			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Design Process - study of delineated area or context, its analysis and interrelationships.

COURSE CONTENT:

- Abstraction of perceived images, conceptual statements using different media. Perspectives of formal geometric solids and spaces and informal geometries, rendering techniques and use of colour.
- Plastic media and their expressional potential. Human figure studies in line, drawings, shade and sculptural mass.
- Rendering through water colour interior spaces.
- Material expression through colours.

Subject: BASICS OF DESIGN II								
Program: B.Design			Subject Code: ID0409			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Principals of designs.
- Visual perception and expression through simple elements of design – lines, planes, solids etc.
- Visual organization and perception of spaces through elements.
- Developing Freehand Drawing Skills using Different Techniques, tools, and media, to enhance observation and visual perception
- Introduction to various theories of perception

COURSE CONTENT:

- Understanding Principals of designs.
- Understanding of elements of visual perception - line, form, space, colour, texture, pattern etc. signification of principals of design in visual organizations.
- Relationship among forms, Form/Space relationship
- Analysis of visual impression of forms through line, plane and solids, and their integration, evolution of forms.
- Visualization of ideas- Understanding design issues through order, pattern, rhythm
- Composition: Symmetrical/Asymmetrical/Balanced/Unbalanced; Steady/Dynamic
- Perception of forms through movement in space.
- Scale and human perception.
- Observation & recording through drawing – Pencil, pen, brush, Charcoal crayon
- Simple geometric objects complex geometrics & objects in nature line drawing shade & shading techniques.

Subject: DESIGN STUDIO II								
Program: B.Design			Subject Code: ID0410			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	4	4	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Initiating knowledge of Anthropometrics - the basic Design Tool.
- Thrust is on Anthro-intensive studies from a very simplistic level to a complex one.
- Special emphasis on presentation. -graphical-two dimensional and three-dimensional through models

COURSE CONTENT:

- Articulation and space - planning for Residential spaces.
- Understanding basic residential requirements through design of spaces within a given context.
- Space making in an existing context allowing some freedom within the given architectural frame to achieve a harmonious whole of various activities.
- Basic Awareness of services in a residential space and also structural understanding.

Subject: ELECTIVES II								
Program: B.Design			Subject Code: ID0411			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Introduction to various arts and skills to be explored and used in development of Designing

COURSE CONTENT:

Stop Motion Animation

Subject: RSP/SITE VISITS I								
Program: B.Design			Subject Code: ID0401			Semester: IV		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

To learn to express new ideas by working with different mediums and materials.
Learning skills and techniques of given materials.

COURSE CONTENT:

Conceptual Sketches.
Study of characteristics of various materials
Using tool techniques in different mediums i.e. Wood, Clay, Cloth, thread etc.

INDUS DESIGN SCHOOL
Bachelor of Design | Semester V

Interior Design SEMESTER V TEACHING & EXAMINATION SCHEME July - December 2021													
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
			L	T	P			THEORY		PRACT			
								CIE		ESE	CIE	ESE	
								MID	IE				
1	IDID0501	Behavioral Science	00	00	02	1	02	00	00	00	60	40	100
2	IDID0502	CAD I	00	00	02	1	02	00	00	00	60	40	100
3	IDID0503	Construction & Technology	01	00	04	3	05	00	00	00	60	40	100
4	IDID0504	Services	00	00	02	1	02	00	00	00	60	40	100
5	IDID0505	Elements of Interior Design	00	00	02	1	02	00	00	00	60	40	100
6	IDID0506	Sustainable Interiors	01	00	02	2	03	00	00	00	60	40	100
7	IDID0507	Furniture Design I	01	00	04	3	05	00	00	00	60	40	100
8	IDID0508	Design Studio III	04	00	04	6	08	00	00	00	60	40	100
9	IDID0509	Electives	01	00	02	2	03	00	00	00	60	40	100
10	IDID0510	RSP II	01	00	02	2	03	00	00	00	60	40	100
TOTAL			09	00	26	22	35	00	00	00	720	480	1200

Subject: BEHAVIOURAL SCIENCE								
Program: B.Design			Subject Code: IDID0501			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

It's very important in interior design practice to understand how behavioral science affects design, it helps in understanding client requirements and this subject really helps in getting better understanding for social dimension, culture and how environmental psychology affects human mind set as well as design.

COURSE CONTENT:

- Essential elements of society –Bio socio-cultural societies. Characteristics of human society.
- Social norms, their origin and classification, different status and role.
- Primary groups & secondary groups. Family and its problems.
- Characteristics of urban social life, Process of urbanization in India. Urbanization and industrialization.
- Social & economic problems of Urban life.
- Definition and scope of environmental psychology, what are the factors affecting it.
- Colour and human behaviour, size and shape of a room, ambient environment.
- Personal Space-Furnishings & furniture
- Single family housing & multiple family housing.
- Institutions & hospitals
- Commercial environment, offices, behaviour in work space.

Subject: CAD I								
Program: B.Design			Subject Code: IDID0502			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE CONTENT:

- CAD–3D drafting through software's like Auto CAD, Sketch Up, etc.
- In this course, students learn how to use SketchUp to model interior spaces, study scale and proportion, elevations, and sections.
- They will also learn how to combine SketchUp with other software and use the rendering tools
- Basic concepts of SketchUp: the, Modelling Tools techniques and commands, software for further work.
- Presentation and editing software's such as V ray, Corel, Adobe Photoshop, etc.

PROJECTS:

3D Drawings and presentation drawings for any one project.

Subject: CONSTRUCTION & TECHNOLOGY								
Program: B.Design			Subject Code: IDID0503			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	4	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- The focus understands the construction details of staircase, different types of staircase, & calculation of steps, etc.
- Understanding the construction of roofs & its construction & different materials
- Understanding the term floor and introduction & understanding to the construction of mezzanine floor

COURSE CONTENT:

- Different types of Staircase-Dog Legged-Spiral-Quarter Turn-Types of steps & Calculation of number of steps, etc.
- Staircase in detail (wooden / steel)
- Functional requirements - Timber stairs, Concrete stair -, Metal stairs, etc.
- Latest trends in finishes of staircases & fixing details
- Mezzanine Floors (wooden / steel / RCC)
- Materials - Leather, Wooden, Ceramic Tiles, Carpeting firing, etc.
- Types of roofs in different area and its construction

Subject: SERVICES								
Program: B.Design			Subject Code: IDID0404			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Understanding Services as an internal part of a good interior design proposal -lighting & electrification.
- Understanding electrification, constituent electrical loads, switches, gears and devices
- Understanding the AC System and importance of HVAC in interiors.

COURSE CONTENT:

Electrification:

- Brief introduction to electricity, generation, transmission, distribution, etc.
- Terminology such as volt, watt, ampere, etc.
- Power distribution, wire distribution, types of wiring 3-phase & single phase, understanding phase, neutral and earth, looping and parallel connections, conduits & trays for wiring.
- Control panels, switches
- Creating electrification layout with proper specification of legend and details in each switch and modules.

HVAC:

- Have understanding of HVAC system and its importance and how does it work.
- The participants will have understanding of HVAC application of commercial and industrial application- introduction to Ashley.
- The participants will have understanding of using HVAC system using principles Architecture and interiors.
- The participants will have understanding of hands on practical exposure with site visits and industry expert sessions.
- The participants will have understanding of what is need of multi floored living spaces.
- The participants will have understanding of different types of elevators and how do they work differently in residential /commercial

PROJECTS:

- Drawings for each of the above mentioned service for any project such as a residence, commercial or institutional.
- Market survey of products, specifications, costs, etc.

Subject: ELEMENTS OF INTERIOR DESIGN								
Program: B.Design			Subject Code: IDID0505			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Understanding space divisions and its options.
- Focus on basic elements of interior elements, etc.
- Understanding the proportion of each element in design & execution & its usage

COURSE CONTENT:

- Partitions - various styles / wardrobes / kitchen cabinets; Types of Partitions - Simple Partitions, Movable Partitions, space dividers, sound proof partitions
- Paneling - Purpose / Materials used for Paneling. Paneling in Plywood, Ply board, wood, laminating their fixing techniques
- False Ceiling - Purpose / Materials used for ceiling - different types of false ceilings, their fixing technique
- Flooring-Types of flooring & fixing detail of each one with the other material respectively
- False Ceiling - Purpose / Materials used for ceiling - different types of false ceilings, their fixing techniques

Subject: SUSTAINABLE INTERIORS								
Program: B.Design			Subject Code: IDID0506			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Basic concepts of thermo-dynamics, state and path functions, thermodynamic equilibrium,
- concept of perfect gas, specific heat, energy, temperature, pressure, Laws of thermodynamics.

COURSE CONTENT:

- Reduction Heat Transfer or Enhancement, insulation properties of materials and built forms.
- Radiation versus other Heat Transfer Methods, Evaluating various built form and its components / or materials for comfort conditions with respect to thermal, visual and air movement.
- Brief introduction of rating systems for climate responsive buildings such as LEED, GRIHA and others. Broad understanding of models, strategies and codes related to energy efficient and climate responsive considerations in buildings and built up areas

Subject: FURNITURE DESIGN I								
Program: B.Design			Subject Code: IDID0507			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	4	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Understanding Ergonomics as scientific base to develop comfort criteria for human activity specifically in furniture design.
- Analysis of an existing piece of furniture with respect to its function, technical aspects and skills required, materials, flexibility, comfort, ergonomics, aesthetics, transportation, economics, etc.
- Application of the above study to design a new piece of furniture.

COURSE CONTENT:

- Measure drawing and analysis of the existing piece of furniture.
- Design furniture as a single unit and also as part of a system in a given interior space.
- Ergonomics-its basic theory and relationship with human comfort criteria
- Furniture Design awareness ergonomics principle in furniture design
- Analysis of elements of furniture design in residential interior
- Designing furniture including storage unit, sitting elements etc.
- Prepare a model / prototype for the designed piece of furniture.

Subject: DESIGN STUDIO III								
Program: B.Design			Subject Code: IDID0308			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
4	0	4	6	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Creating a character for an institutional commercial set up through meaningful interior Environment
- Understanding to see interior designing as a comprehensive total process incorporating a systematic design approach and conscious image building

DESIGN ISSUES:

- Understanding the nature & requirement of an institutional establishment and administrative
- Setups for public as well as private sectors through economic-commercial, social, Psychological factors, behaviour patterns and space utilization.

SKILLS:

- Presentation through detailed drawings through plans & sections and elevations, models, visual models
- Techniques of building services systems, Exposure of different types of institutions and respectively solving problems in each.

EXERCISES:

- Live case study from types of institutions, detailed case study, analysis and presentations of one and discussions.
- Establishments such as a Government or private sector, or Institutional base projects or Service oriented projects.

Subject: ELECTIVE								
Program: B.Design			Subject Code: IDID0509			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Introduction to various arts and skills to be explored and used in development of Designing

COURSE CONTENT:

Craft Documentation

Subject: RSP II								
Program: B.Design			Subject Code: IDID0510			Semester: V		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

To learn to express new ideas by working with different mediums and materials.

Learning skills and techniques of given context.

COURSE CONTENT:

Students shall learn the settlement study, the social and geographical context, Infrastructure, etc.

INDUS DESIGN SCHOOL
Bachelor of Design | Semester VI

Interior Design SEMESTER VI TEACHING & EXAMINATION SCHEME January – May 2021													
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
			L	T	P			THEORY		PRACT			
								CIE		ESE	CIE	ESE	
								MID	IE				
1	ID0601	Thesis Orientation	00	00	02	1	02	00	00	00	60	40	100
2	ID0602	CAD II	00	00	02	1	02	00	00	00	60	40	100
3	ID0603	Graphics & Signage	01	00	02	2	03	00	00	00	60	40	100
4	ID0604	Working Drawing	02	00	02	4	04	00	00	00	60	40	100
5	ID0605	Building Services	00	00	02	1	02	00	00	00	60	40	100
6	ID0606	Conservation	01	00	02	2	03	00	00	00	60	40	100
7	ID0607	Furniture Design	02	00	02	3	04	00	00	00	60	40	100
8	ID0608	Studio IV	02	00	08	6	10	00	00	00	60	40	100
9	ID0609	RSP/Site Visits	00	00	02	2	02	00	00	00	60	40	100
10	ID0610	Electives	00	00	02	1	02	00	00	00	60	40	100
TOTAL			12	00	24	22	36	00	00	00	720	480	1200

Subject: THESIS ORIENTATION								
Program: B.Design				Subject Code: ID0601			Semester: VI	
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Understanding methodological approach to carry out a research based programme in order to Design an interior for a (large scale) project involving a set of complex issues.

COURSE CONTENT:

- Nature and function of research, scientific research, meaning of research in the field of interior design, pure and Applied research
- Stages of research and design, design and research methodology
- Techniques of data collection
- Forms of research reporting, structure of a report
- Writing skills, presentation aids
- Use of primary and secondary references, bibliography, notation, cross references, etc.
- Nature of an undergraduate thesis, its structure and other requirement

Subject: CAD II								
Program: B.Design				Subject Code: ID0602			Semester: VI	
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- To deepen the understanding of drafting in Sketch up software
- To understand various technical aspects of drawings through codes.
- To represent it in the form of plans, elevations and sections. Graphics and 3D with render.
- To understand the concept of scale, proportion and orientation.

COURSE CONTENT:

- Understand the language and norms of drawing made through SketchUp software
- Understand the concept of complex solids and intersections.

Subject: GRAPHICS & SIGNAGE								
Program: B.Design			Subject Code: ID0603			Semester: VI		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Fundamentals of visual perception in graphics

COURSE CONTENT:

- Visual perception of forms, patterns and design. Forms as entity, individuals, identity and beauty.
- Tessellation.
- Different compositions: Balanced / Unbalanced, Static / Dynamic, Symmetrical / Asymmetrical.
- Abstraction

Subject: WORKING DRAWING								
Program: B.Design			Subject Code: ID0604			Semester: VI		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Total understanding of project execution on site, including building services through a combined studio and construction programme.
- Learning to make highly involved technical drawings with specifications.
- Through understanding of building services with referred to location, safety etc.
- Detailed constructional - working drawings for implementation of a project

COURSE CONTENT:

- Construction drawing system & methods-civil works, all services, furniture, built-in furniture, partitions, panelling, wall finishes, ceiling, flooring etc.
- Choice of materials, fixtures, fittings, availability & constructional feasibility., application of materials
- Designing of details
- Writing specifications of the materials and design

Subject: BUILDING SERVICES								
Program: B.Design			Subject Code: ID0605			Semester: VI		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- For future interior designers it is extremely import to have the “Mind Set” “Knowledge set” hands on “Skill Set” of process of Innovation.
- This course is design to delivery exactly that.
- The course is designed to be delivered to practitioners.
- To develop the “mind set” of innovation “experiential learning” methodology is being used in this course.

COURSE CONTENT:

- At the end of the course the participants would be able to define the meaning of services and its importance in interiors
- The participants will have understanding of the need for services on in this profession.
- The participants will have understanding of Kitchen plumbing, exhaust, ventilation and circulation.
- The participants will have an understanding of difference in different types of kitchens (commercial, residential and industrial) and its difference in working.
- The participants will have understanding of HVAC system and its importance and how does it work.

- The participants will have understanding of HVAC application of commercial and industrial application-introduction to Ashley.
- The participants will have understanding of using HVAC system using principles Architecture and interiors.
- The participants will have understanding of hands on practical exposure with site visits and industry expert sessions.
- The participants will have understanding of what is need of multi floored living spaces.
- The participants will have understanding of different types of elevators and how do they work differently in residential /commercial

Subject: CONSERVATION								
Program: B.Design			Subject Code: ID0606			Semester: VI		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Conservation of historical monuments, buildings and sites.
- Main emphasis on understanding possibilities of Adaptive Re-use.

COURSE CONTENT:

- Introduction, various terms used as conservation
- Architectural Conservation: Need and Importance of conservation of historical monuments, buildings.
- Urban Conservation: Identification of areas for conservation. Approaches and techniques.
- Landscaping, maintenance and management of conserved areas or buildings.
- Case studies from India and abroad.
- Restoration of old buildings - materials used, techniques and equipment.
- Deterioration and preventive measures.

Subject: FURNITURE DESIGN								
Program: B.Design			Subject Code: ID0607			Semester: VI		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Furniture systems: Storage and Seating.
- Various systems, styles and products available in the market.

COURSE CONTENT:

- Cabinets: Brief history, cabinet making in various cultures. Materials, processes, tools, technology, arts and crafts involved in making various forms of cabinets.
- Functional analysis of storage systems for various usages, namely kitchen, wardrobes, closets, book cases, show cases, display systems, etc., and interrelating with aesthetics and visual vocabulary.
- Approach to design (Modular/ Non- modular): Materials and their combinations, design parameters and functions.
- Seating: Brief history of styles for single and multiple seats. Materials, technology, use of single or combination of various materials.

Subject: STUDIO IV								
Program: B.Design			Subject Code: ID0608			Semester: VI		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	8	6	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Interiors for spaces involving highly complex issues ranging from space requirements to the Visual co-ordination

COURSE CONTENT:

- Recycling of old buildings –adaptive reuse
- Urban interiors –shopping malls, airports-public spaces etc.
- Exhibition and display areas – Fairs, recreational space.

Subject: RSP/SITE VISITS								
Program: B.Design				Subject Code: ID0609			Semester: VI	
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Interiors for spaces involving highly complex issues ranging from space requirements to the Visual co-ordination

COURSE CONTENT:

Study of Exhibition design through several site visits and intensive research.

Subject: ELECTIVE								
Program: B.Design				Subject Code: ID0610			Semester: VI	
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	1	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Introduction to various arts and skills to be explored and used in development of Designing

COURSE CONTENT:

Eco Friendly Product

INDUS DESIGN SCHOOL
Bachelor of Design | Semester VII

Interior Design SEMESTER VII TEACHING & EXAMINATION SCHEME July - December 2021													
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
			L	T	P			THEORY		PRACT			
								CIE		ESE	CIE	ESE	
								MID	IE				
1	IDID0701	Design Management	00	00	02	1	02	00	00	00	60	40	100
2	IDID0702	Professional Practice	02	00	02	3	04	00	00	00	60	40	100
3	IDID0703	Interior Landscape	02	00	02	3	04	00	00	00	60	40	100
4	IDID0704	Generative Design	02	00	02	3	04	00	00	00	60	40	100
5	IDID0705	Estimating & Costing	00	00	02	1	02	00	00	00	60	40	100
6	IDID0706	Design Thesis	05	00	10	10	15	00	00	00	60	40	100
7	IDID0707	Electives	01	00	02	2	03	00	00	00	60	40	100
		TOTAL	12	00	22	23	35	00	00	00	720	480	1200

Subject: DESIGN MANAGEMENT								
Program: B.Design			Subject Code: IDID0701			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

The participants of the course are now final year students and need to get exposed to the broader aspects of design and its management process; this course aspires to do the same.

COURSE CONTENT:

- At the end of this course the students will be able to understand the design process which is common amongst many design disciplines including design of living spaces
- At the end of the course the students will have basic understanding of Management process and systems so as they are able to use them while in practice
- At the end of the course the students will be able to understand and implement the process of user centre design and product centered design
- At the end of the course the student will be have deep understanding and ability to use the steps of “DESIGN THINKING” process
- At the end of the course the students will be able to use various tools complementing the design thinking process including “IKIGAI” “EMPATHY MAP” “VALUE CANVAS” “BUSINESS MODEL CANVAS” “LEAN CANVAS”
- At the end of the course the students will be able to do “simple product design”; “simple App Design”; “Simple Website Design” using various free easy online tools.
- At the end of the course the students will be able to understand how various design disciplines and how they can work in tandem with them to enhance the lifestyle of their future clients.
- At the end of the course the Students will have certain sense of direction of where do they personally like to take their carrier forward as a design professional.

Subject: PROFESSIONAL PRACTICE								
Program: B.Design			Subject Code: IDID0702			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Understanding the opportunities /openings in the design field as practice.
- Understanding the procedure of executing the project and to deal with people involved.
- Understanding the need to PR as well as role of a designer.
- Understanding Contracts and Tender documents

COURSE CONTENT

- Role of an interior designer, his /her responsibilities and liabilities with respect to clients and society, his /her duties power and functions
- Professional work and scale of professional charges, mode of working and payments, phasing of Projects etc.
- Tendering, contracts and articles of agreement, execution of contract, appointment of clerk of Works, site supervisor, contractor and sub-contractor etc.

Subject: INTERIOR LANDSCAPE								
Program: B.Design			Subject Code: IDID0703			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- To study the concepts of interior landscaping and their application in the design of interior spaces. Understanding about the importance of functionality and aesthetics of landscaping.
- To study about the various landscaping Elements, materials and their application in interiors spaces. Introduction to the concept of Landscape Designing, its importance in interior design, the basic vocabulary and techniques of landscape design etc.

COURSE CONTENT:

- Introduction of landscaping in interior designing - Fundamentals of Landscaping, Historical references, concept, importance.
- Principles of Landscape design -various interior landscaping elements like-water bodies-pools, fountains, plants, rocks, artefacts, paving & lighting, Design guide Lines, plant, texture & color, plant height, plant spacing. Planning of landscaping – planning codes & procedures.
- Dimensions of landscape space – Fore ground area (boundary, pathways, parking, arches, porches etc., Private living area (recreational area, play area, outdoor seating etc.,) The service area (cleaning area, drying area, garbage area, disposal, water supply, kitchen, garden)
- Selection planting, care & maintenance -Classification of plants, indoor plants, lawns, vines, creepers, trees, hedges, flowers.

Subject: GENERATIVE DESIGN								
Program: B.Design			Subject Code: IDID0704			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
2	0	2	3	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- In interior designing generative design is very important when it comes to understand & experiment by exploring different materials.
- Its research & development which go and allow students to explore new avenues and innovate new techniques in field of Interior Design.

COURSE CONTENT:

- At the end of the course students will have knowledge about different techniques of design, different nature of different materials-behaviour & system via workshops and understanding the concepts of fractal geometry, self-organization, etc.
- Materials for small workshops shall be WOOD-Plywood, timber, flexi ply, metal, cnc laser jet cutting, acrylic, textiles, etc.
- The use of parametric design to realize innovative, market-oriented products,
- involving a wide variety of disciplines, interior design and smart textiles.

- Dealing with the challenges of applying parametric design to the task of manufacturing products, while taking into account material-related or production-related requirements that arise production during the fabrication process.
- Learning how to machine a wide range of materials Plywood, timber, flexi ply, metal, cnc laser jet cutting, Corian, textiles, etc.

Subject: ESTIMATING & COSTING								
Program: B.Design			Subject Code: IDID0705			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
0	0	2	1	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Basic knowledge of all the materials used in interiors & proper market survey respectively.
- Understanding of number of items/agencies required for the construction of the furniture
- Basic understanding of quantities and its computation for various materials and elements of interior spaces
- Understanding Costs so as to make estimates for the Design Proposal

COURSE CONTENT:

- Approximate estimates; methods of estimation, computing measurements
- Preparation of Schedule of quantities, Rate analysis of various items of work
- Understanding the abstract sheet & filling it with respective details for the estimate.
- Preparation of estimates and recapitulation
- Specification in brief, principal material requirements and their co-relation to estimates.

Subject: DESIGN THESIS								
Program: B.Design			Subject Code: IDID0706			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
5	0	10	10	-	16/40	-	24/60	100

COURSE OBJECTIVES:

- Inquiry by design - designing a space for the chosen subject/in selected field after detailed study of various aspects.
- Dissertation/ special studies subjects will be the choice of the individual related to be the thesis project chosen. This study process should increase the value of design understanding.
- Each student is expected to prepare a design and research thesis based on the preliminary work undertaken in the Interior design studio under an approved guide. Subject focuses on the practical application of all the theory subjects in the design studio.
- It aims at allowing the student to develop his Designing skills by actually getting involved with progressively difficult design problems.

COURSE CONTENT:

- The thesis may be a design-oriented project with research or a research thesis project that should be approved by the department.
- The particulars of schedule, content, presentation, formal, etc., is to be decided by the department time to time, shall be strictly followed.
- Thesis programme is in depth focused study of a particular design project.
- A student is expected to study a case study before attempting design
- Student is expected to resolve design project in totality encompassing all the aspects of Interior design such as planning, furniture elements, orientation, Behavioural aspects, services, interior material and technology.

Subject: ELECTIVES								
Program: B.Design			Subject Code: IDID0707			Semester: VII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)- Theory	Continuous Internal Evaluation (CIE)- Practical	
1	0	2	2	-	16/40	-	24/60	100

COURSE OBJECTIVES:

Introduction to various arts and skills to be explored and used in development of Designing

COURSE CONTENT:

Film Making

INDUS DESIGN SCHOOL
Bachelor of Design | Semester VIII

Interior Design SEMESTER IV TEACHING & EXAMINATION SCHEME July - December 2021													
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
			L	T	P			THEORY		PRACT			
								CIE		ESE	CIE	ESE	
			MID	IE	CIE			ESE					
1	IDID0801	Practical Training	05	00	30	20	35	00	00	00	60	40	100
TOTAL			12	00	23	20	35	00	00	00	720	480	1200

Subject: PRACTICAL TRAINING								
Program: B.Design			Subject Code: IDID0801			Semester: VIII		
Teaching Scheme				Examination Evaluation Scheme				Total
Lecture	Tutorial	Practical	Credits	University Theory Examination	University Practical Examination	Continuous Internal Evaluation (CIE)-Theory	Continuous Internal Evaluation (CIE)-Practical	
1	0	2	2	-	16/40	-	24/60	

COURSE OBJECTIVES:

- To make students aware of and to inculcate a sense of appreciation in all the operations
- That takes place right from the preliminary sketch design to the completion of the project
- Exposure to office environment –duties and responsibilities
- To make students appreciate first-hand experience of an interior design project on site
- Create awareness of the status of an interior designer in business as well as design terms.

COURSE CONTENT:

Understanding methods of working of various professional interior designers-making design brief, client meetings Design development, presentation, working drawings, specifications and tender. Site supervision, Co-ordination with various agencies-clients, members of design team, various consultants, contractors, craftsmen etc.