



HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)
————— CHENNAI —————

**SCHOOL OF PLANNING ARCHITECTURE
AND DESIGN EXCELLENCE**

CURRICULUM AND SYLLABUS

Under CBCS

(Applicable for Students admitted from Academic Year 2018-19)

B. DES. (Interior Design)

**HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE
CHENNAI**

Curriculum and Syllabus (B.Des Interior Design)

VISION AND MISSION

MOTTO :

To make every man a success and no man a failure.

VISION:

To be an International Institute of Excellence, providing a conducive environment for education with a strong emphasis on innovation, quality, research and strategic partnership blended with values and commitment to society.

MISSION:

The Mission of the Institute is

- To create an ecosystem that promotes learning and world class research, to nurture creativity and innovation.
- To instill highest ethical standards and values.
- To pursue activities for the development of Society.
- To develop national and International collaborations with institutes and industries of eminence.
- To enable graduates to become future leaders and innovators.

Vision and Mission

of SPADE

VISION:

To facilitate the creation of built environment by adopting holistic approaches to promote sustainable development in Architecture, Planning & Design.

MISSION:

- To qualify students to address concerns of the 21st century and making them globally competent.
- To empower students by imparting Architecture, Planning and Design knowledge in diverse areas with social commitment.
- To enable them to handle the complexities of modern requirements and encouraging exploration, innovation and creative experimentation in shaping the living environment.

Curriculum and Syllabus (B.Des Interior Design)

B.Des (Interior Design) PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The program is expected to enable the students to

- PEO1** Prepare graduates for designing the Residential & Commercial Projects.
- PEO2** Equip future designers with technical skills, new technology to be able to produce working drawings, specifications, layouts and suggest materials and finishes for a Specific project.
- PEO3** Help students to demonstrate a good understanding of the various components of Interior designing by exposing them to a wide variety of live design projects, presentations, lab works, research papers and critique.
- PEO4** Develop designs, plan material and suggest systems for various spaces for aesthetic and Effective functioning.
- PEO5** Familiarize students with computational techniques and software typically used in the profession of Interior Design
- PEO6** Provide a good grounding in the best practice of collating and disseminating Information.
- PEO7** Prepare students to undertake further study at Masters Level.
- PEO8** Teach students to construct models for several processes in the real-world.
- PEO9** Integrate the process of design by working on projects, initially working with designers in the industry and taking on professional task responsibilities.
- PEO10** Interact and participate in projects with Industry experts and specialists and get hands on learning on live projects.

Curriculum and Syllabus (B.Des Interior Design)

PROGRAM OUTCOMES (ALIGNED WITH GRADUATE ATTRIBUTES) (PO)

At the end of this program, graduates will be able to

- PO1** Integrate knowledge, skill and attitude that will sustain an environment of learning and creativity
- PO2** Develop and integrate trends in interior design
- PO3** Understand the design, technology and techniques to design spaces effectively
- PO4** Understand building and safety codes, principles and practices for environmental and sustainable interior design
- PO5** Develop an understanding of various tools, techniques and software.
- PO6** Apply critical and contextual approaches across wide variety of subject matter.
- PO7** Develop logical thinking to comprehend key facts leading to formulation of the solution process.
- PO8** Engage a process of research and design for holistic contribution to the profession.
- PO9** Develop self-confidence and awareness of general issues prevailing in the society
- PO10** An ability to understand the market trends, client needs, project potentials and work with an inter disciplinary team
- PO11** Develop an ability to create human responsive spaces and ensure project execution.

Curriculum and Syllabus (B.Des Interior Design)

PSO

PSO 1:

Create an ability to conceptualize and coordinate design that follows a systematic process of analysing alternatives, ideas, theories by evaluating, and synthesizing ideas that include parameters on social, cultural, environmental and technological aspects of an Interior space.

PSO 2:

Demonstrate the ability to synthesize a wide range of variables into an integrated design solution. It is done by applying appropriate building systems, building materials and construction practices on sound research and design decisions across varying scales of systems and levels of complexity.

PSO 3:

Utilize modern software tools & other appropriate and alternative innovative techniques in a wide range of documentation, presentation, analysis and applications for design development of interior spaces in a building.

PSO 4:

Create a sustainable and responsive built environment by responding to the climate of the region , adapt appropriate technologies , conserve the ecology ,environment and landscape to achieve a sustainable development for the future .

PSO 5:

Understand how history, art and culture have shaped the modern world, through many varied types of creative works, human experiences and to raise questions on value and meaning.

Curriculum and Syllabus (B.Des Interior Design)

B.DES (INTERIOR DESIGN)									
(165 CREDIT STRUCTURE)									
SEMESTER - I									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4101	Basics of Theory of Design	3	0	0	3		3
2	BS	IDA4102	Anthropometrics & Ergonomics	3	0	0	3		3
3	BS	IDA4103	Basic History of Interiors	2	0	0	2		2
THEORY CUM STUDIO									
4	PC	IDB4111	Sketching	1	0	2	2	2	3
5	BS	IDA4112	Basics of Visualization and Representation	1	0	4	3		5
STUDIO									
6	PC	IDB4131	Basic Design – I	0	0	8	4	1	8
7	PC	IDB4132	Model Making	0	0	4	2	2	4
PERSONALITY DEVELOPMENT									
8	H	ELA4102	Communication skills	2	0	0	2		2
TOTAL							21		30
SEMESTER - II									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4116	Advanced Theory of Design	3	0	0	3		3
2	PC	IDB4117	History of Interior Design–I (Global)	2	0	0	2		2
3	BS	BDA1119	Environmental Science	1	0	0	1		1
4	BS	IDA4119	Basic Construction Techniques and Representation	3	0	0	3		3
5	BS	BDA1120	Value and Ethics	1	0	0	1		1
THEORY CUM STUDIO									
6	BS	IDA4126	Basics of Computer Design and Digital Fabrication	1	0	4	3		5
7	BS	IDA4127	Advanced Visualization and Representation	2	0	2	3		4
STUDIO									
8	PC	IDB4141	Basic Design – II	0	0	8	4	2	8
9	PC	IDB4142	Interior Space Drawing	0	0	4	2	2	4
VALUE ADDED PROGRAMME									
10	PAECC		Mini Project –10 Days (Minimum)						
TOTAL							22		31

Curriculum and Syllabus (B.Des Interior Design)

B.DES (INTERIOR DESIGN)									
(165 CREDIT STRUCTURE)									
SEMESTER - III									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4201	Basics of Furniture Design	3	0	0	3		3
2	PC	IDB4202	Interior Landscape	3	0	0	3		3
3	PC	IDB4203	History of Interior Design – II (Indian)	2	0	0	2		2
4	BS	IDA4204	Advanced Construction Techniques and Representation	3	0	0	3		3
5	BS	IDA4205	Basics of Interior Services	2	0	0	2		2
6	PE	E1	Elective - I	3	0	0	3		3
THEORY CUM STUDIO									
7	BS	IDA4211	Advanced Computer Design and Digital Fabrication	1	0	4	3	1	5
STUDIO									
8	PC	IDB4231	Interior Design Studio –I	0	0	12	6	2	12
VALUE ADDED PROGRAMME									
9	PAECC	IDB4232	Evaluation of Mini Project	-	-	-	1	-	-
TOTAL							26		33
SEMESTER - IV									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4216	Advanced Furniture Design	3	0	0	3		3
2	BS	IDA4217	Basics of Structural Design	3	0	0	3		3
3	BS	IDA4218	Interior Services (Intermediate)	2	0	0	2		2
4	PE	E2	Elective – II	3	0	0	3		3
THEORY CUM STUDIO									
5	BS	IDA4226	Basics of Materials and Methods of Construction	1	0	4	3		5
STUDIO									
6	PC	IDB4241	Interior Design studio – II	0	0	12	6	2	12
7	PC	IDB4242	Workshop	0	0	4	2	2	4
VALUE ADDED PROGRAMME									
8	PAECC		Mini Project- 15 Days (Minimum)						
TOTAL							22		32

Curriculum and Syllabus (B.Des Interior Design)

B.DES (INTERIOR DESIGN)									
(165 CREDIT STRUCTURE)									
SEMESTER - V									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4301	Lighting and Acoustics in Interiors	3	0	0	3		3
2	BS	IDA4302	Advanced Structural Design	3	0	0	3		3
3	PC	IDB4303	Sustainable Design	3	0	0	3		3
4	BS	IDA4304	Advanced Interior Services	2	0	0	2		2
5	PE	E3	Elective – III	3	0	0	3		3
6	NE	OE1	Open Elective - I	2	0	0	2		2
THEORY CUM STUDIO									
7	BS	IDA4311	Advanced Materials and Methods of Construction	1	0	4	3		5
STUDIO									
8	PC	IDB4331	Interior Design Studio - III	0	0	12	6	2	12
VALUE ADDED PROGRAMME									
9	PAECC	IDB4332	Evaluation of Mini Project	-	-	-	2	-	-
TOTAL							27		33
SEMESTER - VI									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4316	Professional Practice	3	0	0	3		3
2	PC	IDB4317	History of Modern Movement	2	0	0	2		2
3	BS	IDA4318	Interior Construction and Drawing	3	0	0	3		3
4	PC	IDB4319	Renovation and Alteration	3	0	0	3		3
5	PE	E4	Elective – IV	3	0	0	3		3
6	NE	OE2	Open Elective - II	2	0	0	2		2
STUDIO									
7	PC	IDB4341	Interior Design Studio - IV	0	0	12	6	2	12
8	PC	IDB4342	Dissertation	0	0	4	2	1	4
TOTAL							24		32
SEMESTER - VII									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
STUDIO									
1	PAECC	IDB4431	Training	0	0	20	10		20
TOTAL							10		20

Curriculum and Syllabus (B.Des Interior Design)

B.DES (INTERIOR DESIGN)									
(165 CREDIT STRUCTURE)									
SEMESTER - VIII									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
STUDIO									
1	PC	IDB4441	Thesis	0	0	26	13		26
TOTAL							13		26

Curriculum and Syllabus (B.Des Interior Design)

LIST OF DEPARTMENTAL ELECTIVES WITH GROUPING - SEMESTER WISE									
SEM (Elec tive No.)	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
III (E1)	PE	IDC4251	Cultural Anthropology	3	0	0	3		3
	PE	IDC4252	Interior Model Making	3	0	0	3		3
	PE	IDC4253	Interior Sketching	3	0	0	3		3
IV (E2)	PE	IDC4266	Visual and Performing Arts	3	0	0	3		3
	PE	IDC4267	Vernacular Architecture and Interiors	3	0	0	3		3
	PE	IDC4268	Representation of Spaces	3	0	0	3		3
V (E3)	PE	IDC4351	Interior Accessories and Product Design	3	0	0	3		3
	PE	IDC4352	Revitalization of Art and Crafts	3	0	0	3		3
	PE	IDC4353	Graphics & Animation	3	0	0	3		3
VI (E4)	PE	IDC4366	Interior Photography	3	0	0	3		3
	PE	IDC4367	Entrepreneurship Development	3	0	0	3		3
	PE	IDC4368	Art and Graphics in Interior Design	3	0	0	3		3

Curriculum and Syllabus (B.Des Interior Design)

SEMESTER I

COURSE TITLE		BASICS OF THEORY OF DESIGN						CREDITS			3					
COURSE CODE		IDB4101		COURSE CATEGORY			PC		L-T-P-S			3-0-0-0				
Version		1.0		Approval Details					LEARNING LEVEL			BTL-4				
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project			Surprise Test / Quiz		Attendance			ESE				
15%		15%		10%			5%		5%			50%				
Course Description		In this course, students will learn about the basic concepts of design with respect to its composition and theory of colours. They also learn about the colour variation and its intensity with its usage in the field of design which has impact on various fields.														
Course Objective		1. To familiarize students with basics of theory of design concepts and principles 2. To ensure students can practice the methods, processes and tools of theory of design 3. To enable the students to analyze the making and the composition of different compositions. 4. To ensure students can apply theory of design approach in the field of designing the Interior Spaces														
Course Outcome		Upon completion of this course, the students will be able to 1. To understand the basics elements and principles of design 2. To develop the understanding of shapes in reference to elements and principles 3. To understand space making using solid shapes creating visual composition 4. To develop the vision of color and color wheel in different scenarios 5. To develop the meaning of space in reference to color and other elements														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO -5	PO- 6	PO -7	PO -8	PO -9	PO -10	PO -11	PSO- 1	PSO- 2	PSO -3	PSO -4	PSO -5
CO-1	3	2	1	-	1	1	2	3	1	1	2	3	-	-	-	1
CO-2	2	1	1	-	1	2	2	3	1	1	2	3	-	-	-	1
CO-3	3	2	1	-	1	1	2	3	1	1	1	3	-	-	-	1
CO-4	2	2	1	-	1	1	2	3	1	1	2	3	-	-	-	1
CO-5	3	1	1	-	1	1	2	2	1	1	2	3	-	-	-	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – INTRODUCTION TO DESIGN (10L+0P=10)																

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Definitions and meaning of design, importance of design, examples of design from nature. Fundamental elements of design in 2-D and their definitions; point, line, shape, form, space, texture, value, colour and material. Introduction to the principles of design in 2-D and 3D - unity, balance, symmetry, proportion, scale, hierarchy, rhythm, contrast, harmony, focus, etc. ; use of grids, creating Repetitive patterns.	CO-1 BTL-4
MODULE 2 :CONCEPTS OF GEOMETRY (8L+0P=8)	
Introduction to different 3-D forms and primitive forms, shapes and understanding the behavior when combined. Transformation of 2-D to 3-D.	CO-2 BTL-4
MODULE 3 :PRINCIPLES OF COMPOSITION (7L+0P=7)	
Principles of composition using grids, symmetrical/ asymmetrical, Rule Of Thirds, Center Of Interest, Gestalts Theory of Visual Composition.	CO-3 BTL-4
MODULE 4 :THEORYOF COLOURS(12L+0P=12)	
Introduction –visible spectrum, coloured light, colour temperature, colour interaction, colour, blindness. Color wheel – primary, secondary, tertiary colors, color wheel, color schemes color value, intensity, and modification of color hues – tints, shades, neutralization. Color charts – types, making and using. Color harmony, use of color harmony. Psychological impact of color – warm, cool and neutral colors, impact of specific hues, meanings of color, color and form, color and light, color and surface qualities, color and distances and scales Suggested Reading: http://www.um.es/phi/aguirao/master/color.pdf .	CO-4 BTL-4
MODULE 5: USEOF COLOURS(8L+0P=8)	
Small exercises to understand how theories come together to create good design – application of theories within typology and across typologies	CO-5 BTL-4
REFERENCE BOOKS	
1.	Hanks, A.David. Decorative Designs of Frank Lloyd Wright, Dover Publications, Inc. New York, 2003.
2	Ching, Francis D.K. Architecture Form, space, and Order, 3rd ed. Van Nostrand Reinhold, New York, 2007.
MOOC	
1	https://www.edx.org/course/design-theory
2	https://www.edx.org/course/design-thinking-fundamentals-ritx-think501x

COURSE TITLE	ANTHROPOMETRICS AND ERGONOMICS			CREDITS		3
COURSE CODE	IDA4102	COURSE CATEGORY	BS	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-4
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE

Curriculum and Syllabus (B.Des Interior Design)

15%	15%	10%	5%	5%		50%
Course Description	In this course, the students will learn the basics of Anthropometrics and ergonomics which will help them to design furniture and interior according to the human proportions with respect to the end-Users of the product. This can enhance the design to promote good health and posture.					
Course Objective	<ol style="list-style-type: none"> 1. To guide the students to understand human factors that need to be considered when designing products and interior 2. To ensure that the students understand the term personal preference, style, and fashion with respect to their impact of products 3. To enable the students to explore the influence of anthropometry and ergonomics in design 4. To enable the students to design a framework taking into consideration the various factors affecting behavior aspect of human in anthropometry 					
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. To analyse and identify the anthropometrics and ergonomics in daily life 2. To understand and analyse the stress factors on human body in various tasks 3. To understand and analyse the furniture for different types of works and their effects on human body 4. To be able to create a standard measurement / dimension for a given task based on percentile methods 5. To understand and analyze the cognitive and behavioral aspects of humans with respect to furniture 					

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	2	3	1	1	1	2	3	1	2	1	3	1	1	1	2
CO-2	-	-	3	2	2	1	2	3	1	2	1	2	1	1	3	2
CO-3	-	-	3	2	2	1	2	3	1	2	1	2	3	2	1	2
CO-4	-	-	3	2	2	1	2	3	1	2	1	3	1	1	1	2
CO-5	-	-	3	2	2	1	2	3	1	2	2	1	1	3	2	2

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – NEED FOR STUDY

(9L+0P=9)

Introduction to Ergonomics, Need for study of anthropometric and ergonomics, Design today - Human aid to lifestyle.

**CO-1
BTL-4**

MODULE 2 :ERGONOMICS IN INDIA(9L+0P=9)

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Environmental factors influencing human performance, Ergonomics in India. Ergonomics/ human Factors fundamentals, Physiology (work physiology) and stress.		CO-2 BTL-4
MODULE 3 :HUMAN PHYSICAL DIMENSION (9L+0P=9)		
Human physical dimension concern: Human body- structure and function, anthropometrics, Anthropometry: body growth and somato types, Static and dynamic anthropometry, Stand Posture- erect, Anthropometry landmark: Sitting postures, Anthropometry: squatting and cross legged postures, Anthropometric measuring techniques, Statistical treatment of data and percentile calculations		CO-3 BTL-4
MODULE 4 :HUMAN BODY STRUCTURE AND FUNCTION(9L+0P=9)		
Posture and job relation, Posture and body supportive devices, Chair characteristics, Vertical work surface, Horizontal work surface, movement, work Counter.		CO-4 BTL-4
MODULE 5: BEHAVIOUR AND PERCEPTION(9L+0P=9)		
Communication and cognitive issues, Psychosocial behavior aspects, behavior and stereotype, Information processing and perception, Cognitive aspects and mental workload, Human error and risk perception.		CO-5 BTL-4
TEXT BOOKS		
1	Alan Barnard & Jonathan Spencer, Encyclopedia of social and cultural anthropology, Routledge; 1 edition, 2002	
2	Niggel Rapport, Social and Cultural Anthropology: The Key Concepts, Routledge, 2000	
3	Elizabeth. D. Hutchinson, Sage publications, Dimensions of Human Behavior, person and Environment, 2007.	
4	Kumar Raj (Ed) Essays on Indian Art and Architecture. Discovery pub., New Delhi, 2003	
5	Ghosh. A (Ed). Jain Art and Architecture Vol 1-3. BharatiyaJnanpith.New Delhi.	
REFERENCE BOOKS		
1	Christine M. Piotrowski, Becoming an Interior Designer, John Wiley and Sons, 2003.	
2	Henry Wilson, India: Decoration, Interiors, Design, Watson Guptill, First American edition, 2001	
3	Michael Freeman, India Modern, Periplus editions, 2005	
4	Sunil Sethi, Angelika Taschen, Indian Interiors, TASCHEN America Ltd; 25th ed. edition, 2009	
MOOC		
1	https://study.com/academy/lesson/the-history-of-interior-design.html	
2	https://www.nda.ac.uk/study/courses/fda-degree/heritage-interior-design	

COURSE TITLE	BASIC HISTORY OF INTERIORS	CREDITS		2
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Curriculum and Syllabus (B.Des Interior Design)

COURSE CODE	IDA4103	COURSE CATEGORY	BS	L-T-P-S		2- 0- 0- 0										
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3										
ASSESSMENT SCHEME																
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE										
15%	15%	10%	5%	5%		50%										
Course Description	In this course students will learn about the basics of History of Interiors to explore the various art forms related to the design of Interior spaces. The transformation in the style of design from pre-historic times to the present times is studied with the help of various narrations and sketches.															
Course Objective	<div>1. To ensure that the students identify different styles of Interior Design from the Early modern times to current times</div> <div>2. To acknowledge them with the surrounding trends in the field of Interior Design</div> <div>3. To guide them in learning different types of materials used for construction of various objects</div>															
Course Outcome	<div>Upon completion of this course, the students will be able to -</div> <div>1. To understand the evolution of art in interiors during the prehistoric period</div> <div>2. To understand the different traditional contemporary art form with different Tools and techniques.</div> <div>3. To explore the different ornaments and accessories in historic interiors</div> <div>4. To understand the spatial scale in Buddhist, Islamic and Hindu art forms</div> <div>5. To explore the various art forms throughout the world during 19th and 20th century</div>															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	2	2	-	2	2	1	3	1	1	1	2	1	1	2	3
CO-2	2	2	2	-	2	3	1	3	1	3	1	2	1	1	2	3
CO-3	2	3	3	-	2	2	1	1	1	1	1	2	1	1	2	3
CO-4	2	3	3	-	2	2	1	1	1	1	2	1	1	2	3	2
CO-5	2	2	1	-	-	3	1	1	1	1	1	2	1	1	2	3
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – PURPOSE AND RELEVANCE OFARTDEVELOPMEN (4L+0P=4)																

Curriculum and Syllabus (B.Des Interior Design)

A survey of history of art forms: pre historic times to present times: changing nature of art through time in terms of content: form and material.	CO-1 BTL-3
MODULE 2 :EXPLORATION OF ART FORMS(6L+0P=6)	
Study of traditional and contemporary art forms – painting, sculpture, architecture, decorative arts, design arts, digital art. Relationship between art and design from the earliest time.	CO-2 BTL-3
MODULE 3 :STUDY OF ORNAMENTS & ACCESSORIES (6L+0P=6)	
Ornaments & Accessories in Interior Design. Different types of Ornamentation & Accessories in the interiors. Study and evaluation of artefacts, historic examples and their applicability.	CO-3 BTL-3
MODULE 4 :INTRODUCTION TO HERITAGE INTERIORS(4L+0P=4)	
Heritage Interiors Buddhist, Islamic and Hindu: Evolution of Interiors in different regions of India with examples. Heritage and identity at different spatial scales.	CO-4 BTL-3
MODULE 5: NEW DIRECTIONS IN ART(10L+0P=10)	
Context for new directions in art in the late 19th and early 20 th century Impressionism – post Impressionism – Fauvism- Expressionism- Cubism Dadaism – Surrealism - abstract art – Futurism - Constructivism – Surrealism – De Stijl - Abstract Expressionism - Pop art - Op art- new forms and media of art. Study of famous and influential Artists, Craftsmen and people who pioneered innovations in their own fields and their influence on design and other fields. Works of Van Gogh, Dali, William Morris, Picasso, Da Vinci. Suggested Reading: http://www.nios.ac.in/media/documents/dled/Block1_508.pdf	CO-5 BTL-3
TEXT BOOKS	
1	Alan Barnard & Jonathan Spencer, Encyclopaedia of social and cultural anthropology, Routledge; 1 edition, 2002
2	Niggel Rapport, Social and Cultural Anthropology: The Key Concepts, Routledge, 2000
3	Elizabeth. D. Hutchinson, Sage publications, Dimensions of Human Behavior, person and Environment, 2007.
4	Kumar Raj (Ed) Essays on Indian Art and Architecture. Discovery pub., New Delhi, 2003
5	Ghosh. A (Ed). Jain Art and Architecture Vol 1-3. BharatiyaJnanpith.New Delhi.
6	Christine M. Piotrowski, Becoming an Interior Designer, John Wiley and Sons, 2003.
REFERENCE BOOKS	
1	Henry Wilson, India: Decoration, Interiors, Design, Watson Guptill, First American edition, 2001

Curriculum and Syllabus (B.Des Interior Design)

2	Michael Freeman, India Modern, Periplus editions, 2005
3	Sunil Sethi, Angelika Taschen, Indian Interiors, TASCHEN America Ltd; 25th ed. edition, 2009
MOOC	
1	https://study.com/academy/lesson/the-history-of-interior-design.html
2	https://www.nda.ac.uk/study/courses/fda-degree/heritage-interior-design

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE	SKETCHING				CREDITS		2
COURSE CODE	IDB4111	COURSE CATEGORY	PC	L-T-P-S			1- 0- 2- 2
Version	1.0	Approval Details		LEARNING LEVEL			BTL-4

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course students will learn about the skills and techniques related to sketching to explore different kinds of art forms. With the help of these art forms various types of ornamentation and accessories can be designed from its evolution.
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Course Objective	<ol style="list-style-type: none"> 1. To ensure that the students identify different styles of Interior Design from the Early modern times to current times 2. To acknowledge them with the surrounding trends in the field of Interior Design 3. To guide them in learning different types of materials used for construction of various objects
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Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. To understand the usage of different points of pencils and apply in sketching 2. To understand and analyze the geometric patterns in nature 3. To create, compose sheets using different drawing tools on different mediums 4. To learn and understand measurement and scaling techniques for representing furniture and landscape elements 5. To understand variety of forms as a medium for indoor and outdoor sketching
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	3	2	1	-	2	2	1	1	1	1	-	3	-	3	-	1
CO-2	3	2	1	-	2	2	1	1	1	1	-	3	-	3	-	1
CO-3	1	2	3	-	3	1	1	1	1	1	-	3	-	3	-	1
CO-4	1	2	3	-	3	1	1	1	1	1	-	3	-	3	-	1
CO-5	2	2	2	-	1	-	-	1	1	1	-	3	-	3	-	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – PURPOSE AND RELEVANCE OF ART DEVELOPMENT

(5L+3P+2S=10)

Curriculum and Syllabus (B.Des Interior Design)

A survey of history of art forms: pre historic times to present times: changing nature of art through time in terms of content: form and material.	CO-1 BTL-4
MODULE 2 :EXPLORATION OF ART FORMS(5L+10P+2S=17)	
Study of traditional and contemporary art forms – painting, sculpture, architecture, decorative arts, design arts, digital art. Relationship between art and design from the earliest time.	CO-2 BTL-4
MODULE 3 :STUDY OF ORNAMENTS & ACCESSORIES (5L+4P+2S=14)	
Ornaments & Accessories in Interior Design. Different types of Ornamentation & Accessories in the interiors. Study and evaluation of artefacts, historic examples and their applicability.	CO-3 BTL-4
MODULE 4 :INTRODUCTION TO HERITAGE INTERIORS(5L+4P+2S=14)	
Heritage Interiors Buddhist, Islamic and Hindu: Evolution of Interiors in different regions of India with examples. Heritage and identity at different spatial scales.	CO-4 BTL-4
MODULE 5: NEW DIRECTIONS IN ART(7L+8P+2S=17)	
Context for new directions in art in the late 19th and early 20 th century Impressionism – post Impressionism – Fauvism- Expressionism- Cubism Dadaism – Surrealism - abstract art – Futurism - Constructivism – Surrealism – De Stijl - Abstract Expressionism - Pop art - Op art- new forms and media of art. Study of famous and influential Artists, Craftsmen and people who pioneered innovations in their own fields and their influence on design and other fields. Works of Van Gogh, Dali, William Morris, Picasso, Da Vinci. Suggested Reading: http://www.nios.ac.in/media/documents/dled/Block1_508.pdf	CO-5 BTL-4
TEXT BOOKS	
1	Alan Barnard & Jonathan Spencer, Encyclopaedia of social and cultural anthropology, Routledge; 1 edition, 2002
2	Niggel Rapport, Social and Cultural Anthropology: The Key Concepts, Routledge, 2000
3	Elizabeth. D. Hutchinson, Sage publications, Dimensions of Human Behavior, person and Environment, 2007.
4	Kumar Raj (Ed) Essays on Indian Art and Architecture. Discovery pub., New Delhi, 2003
5	Ghosh. A (Ed). Jain Art and Architecture Vol 1-3. BharatiyaJnanpith.New Delhi.
6	Christine M. Piotrowski, Becoming an Interior Designer, John Wiley and Sons, 2003.
REFERENCE BOOKS	
1	Henry Wilson, India: Decoration, Interiors, Design, Watson Guptill, First American edition, 2001

Curriculum and Syllabus (B.Des Interior Design)

2	Michael Freeman, India Modern, Periplus editions, 2005
3	Sunil Sethi, Angelika Taschen, Indian Interiors, TASCHEN America Ltd; 25th ed. edition, 2009
MOOC	
1	https://study.com/academy/lesson/the-history-of-interior-design.html
2	https://www.nda.ac.uk/study/courses/fda-degree/heritage-interior-design

COURSE TITLE	BASICS OF VISUALIZATION AND REPRESENTATION								CREDITS			3				
COURSE CODE	IDA4112		COURSE CATEGORY			BS			L-T-P-S			1- 0- 4- 0				
Version	1.0		Approval Details						LEARNING LEVEL			BTL-3				
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project			Surprise Test / Quiz			Attendance			ESE			
15%		15%		10%			5%			5%			50%			
Course Description		In this course students will learn about the basics of projection and drafting techniques. They will be introduced with the basics of construction which will include projection and section of solids.														
Course Objective		<div>1. To ensure that the students learn about the basics of drafting the geometric shapes</div> <div>2. To acknowledge the students with various projection techniques</div> <div>3. To ensure that the students learn about the sections of combinations of solids in different positions.</div> <div>4. To ensure that the students learn about the perspectives with varied vanishing points</div>														
Course Outcome		<div>Upon completion of this course, the students will be able to -</div> <div>1. To understand scales and construction of various conic sections</div> <div>2. To impart knowledge about orthogonal projection</div> <div>3. To learn about projection of various solids and their combinations</div> <div>4. To understand the development of surfaces and intersection of surfaces</div> <div>5. To learn to draw the isometric projection of planes, and objects</div>														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-

Curriculum and Syllabus (B.Des Interior Design)

[illegible]

Curriculum and Syllabus (B.Des Interior Design)

3	K. Venugopal, 'Engineering Drawing and Graphics', New Age Publishers, 2004.
4	S. Rajaraman, 'Practical Solid Geometry'
MOOC	
1	http://nptel.ac.in/noc/individual_course.php?id=noc17-ce03
2	http://nptel.ac.in/courses/112103019/

COURSE TITLE	BASIC DESIGN - I			CREDITS		4
COURSE CODE	IDB4131	COURSE CATEGORY	PC	L-T-P-S		0- 0- 8- 1
Version	1.0	Approval Details		LEARNING LEVEL		BTL-4

ASSESSMENT SCHEME

CIA I	CIA II	CIA III	Summative Assessment			ESE
15%	15%	15%	15%			40%

Course Description	In this course students will learn about the creative approaches towards the process of evolving a design from its primitive stage.
Course Objective	<ol style="list-style-type: none"> To ensure that the students develop a clear framework towards framing the methodology to complete or continue a creative process. To ensure the students develop generative design thinking approaches To make the students understand the importance of mind mapping and brain storming To ensure that the students evolve the design using basic sketches for representation
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> To integrate the understanding towards creative thinking techniques To develop and understand graphical representation of elements. To work in hands with concepts and creative thinking that represent the same To collaborate both technical knowledge along with creativity, theme and rendering output. To understand the evolution of design from basic concepts to design outputs.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1

Curriculum and Syllabus (B.Des Interior Design)

[illegible]

Curriculum and Syllabus (B.Des Interior Design)

4	Design Basics for Creative Results by Bryan L.Peterson, F&W Publications, Inc.
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COURSE TITLE	MODEL MAKING				CREDITS		2
COURSE CODE	IDB4132	COURSE CATEGORY	PC	L-T-P-S			0- 0- 4- 2
Version	1.0	Approval Details		LEARNING LEVEL			BTL-6

ASSESSMENT SCHEME

CIA I	CIA II	CIA III	Summative Assessment			ESE
15%	15%	15%	15%			40%

Course Description	In this course students will learn about the basics of model making techniques by exploring with different materials. They will develop their creative skills by thinking out of box.
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Course Objective	<ol style="list-style-type: none"> 1. To ensure students learn about the essential model making practices by introducing them to hand building techniques 2. To ensure that the students learn about the basics of clay modeling 3. To understand about the various tools and machineries developed for small relief works in model making with wood 4. To ensure that the students learn about the different types of metal and their usage in model making.
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Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. To learn scale and techniques to make simple form models. 2. Developing hand on experience and applying techniques to make clay models 3. Developing hand on experience and applying joinery techniques to make wooden models 4. Developing hands on experience and applying techniques to make metal (GI wire) 5. Developing hand on experience and applying techniques to make textiles models and create textile patterns
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
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Curriculum and Syllabus (B.Des Interior Design)

CO-1	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-2	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-3	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-4	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-5	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 - LIVING AND BEDROOM (6P+2S=8)

Need; role of scale models in design: general practices: Essentials of model making: understanding of various tools and machines employed, best practices involved in operating the tools and the techniques. Introduction to the Mount Board/Paper/Boards for model making – types, properties etc. Hand building techniques on different planes-making rigid forms like, cubic, spherical,

Suggested Reading: Karen Moon : Modeling Messages -The Architect and the Model

CO-1
BTL-6

MATERIALS & TECHNIQUES (CLAY)

(10P+4S =14)

Ceramics – clay/ plaster of Paris : Introduction to model making, Need; role of scale models in design : general practices - The potter's wheel – kneading the clay, function of hands in throwing. Learning basic techniques in making different objects like bowl, plate, cylinder, vase, etc. Essentials of model making: understanding of various tools and machines employed, best practices involved in operating the tools and the techniques. Introduction to the Ceramic materials used for model making

- clay, types and mixtures, properties etc. Hand building techniques - coiling, hand building with clay strips- making a small sculpture in Relief work – addition
- making a mural, scooping – tile work. **Suggested Reading:** Nick Dunn : Architectural Model making (2nd edition)

CO-2
BTL-6

MODULE 3 : MATERIALS & TECHNIQUES (WOOD)

(9P+3S =12)

Wood: Working with wood and wood derivatives to understand material parameters. Wooden joinery and its strength, Wood polishes and other finishes – colour and surface quality. Making of elements of various scales in the built form, such as, interior space making elements, furniture forms, various products, Art & Artifacts by using wood. Understanding the material and tools by making objects which allow students to explore the forms, surfaces, textures and patterns. Explore different joinery, support conditions, and woven surfaces

CO-3
BTL-6

MODULE 4 : MATERIALS & TECHNIQUES (METAL) (10P+4S =14)

Metal : Types of metals, properties of metals, definitions of terms with reference to properties and uses of metals, various methods of working with metals, fixing and joinery in metals, finishing and treatment of metals., finishes on metals. Standard specifications. Metals in built form activity – horizontal, vertical and inclined surfaces – in interior environment elements-products and furnitureforms - doors, windows, grilles, railing, stair etc. Metals and other materials – form and joinery.

CO-4
BTL-6

MODULE 5: MATERIALS & TECHNIQUES (TEXTILES) (10P+4S=14)

Curriculum and Syllabus (B.Des Interior Design)

Textiles – Weaving & printing: Introduction to fibers and yarns, table loom and floor loom, preparing warp, setting up loom for weaving. Basic weaves and their variations. Variation weaves and design quality, weaves as light controlling device, weaves and its quality for upholstery, curtains and floor coverings, Rugs and durries – motifs design, patterns and colour variations. Development of textile design in different cultures from primitive art to contemporary designs. Criteria of design of the elements and principles of textile design. Analysis of a motif, developing repeat as a basic unit of design in textile printing. Printing – developing block, understanding the material used, colours, types and their mixing process, various colour printing. Screen printing – design evolution for wall hangings, preparing screen and understanding the technique, printing on paper and printing on fabric	CO-5 BTL-6
TEXT BOOKS	
1	PyoMi Young: Construction and Design Manual: Architectural Models
2	ArjanKarssen& Bernard Otte : Model Making- Conceive, Create and Convince
3	.BruceHoadley : Understanding Wood: A Craftsman's Guide to Wood Technology
3	R.BruceHoadley : Understanding Wood: A Craftsman's Guide to Wood Technology
LINKS	
1	https://study.com/academy/lesson/wire-sculpture-art-techniques.html
2	http://www.lakesidepottery.com/HTML%20Text/Methods%20of%20Handbuilding.htm
3	https://www.figurines-sculpture.com/sculpture-technique.html
MOOC	
1	https://www.skillshare.com/classes/Polymer
2	https://www.arts.ac.uk/subjects/architecture
3	https://www.skillshare.com/classes/Polymer

COURSE TITLE	COMMUNICATION SKILLS			CREDITS		2
COURSE CODE	ELA4102	COURSE CATEGORY	H	L-T-P-S		2- 0- 0- 0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-4
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Curriculum and Syllabus (B.Des Interior Design)

Course Description	In this course students will learn about the importance of communication skill in any field of design which will enhance their confidence while presenting to their clients.
Course Objective	<ol style="list-style-type: none"> 1. To ensure that the students learn about the advantages of communication and their barriers if not communicating in a good manner 2. To ensure students on improve their listening and scanning skills 3. To familiarize students with importance of the speaking and writing skills in the world of digital communication
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. Enhance the communicative competence with focus on syntax and fluency 2. Excel in oral and written medium and prepare them for employability

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	-	-	-	-	2	-	1	3	1	-	-	-	-	-	3
CO-2	1	-	-	-	-	2	-	1	3	1	-	-	-	-	-	3
CO-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – IMPORTANCE OF COMMUNICATION (5L+0P=5)

Communication : Importance of Communication; Elements of good individual communication; organizing oneself; different types of communication; Barriers in the path of Communication

Suggested Reading: *Daily Newspaper, E newspaper*

**CO-1
BTL-4**

MODULE 2 :LISTENING SKILLS(5L+0P=5)

Listening skills: Listening to conversation and speeches (Formal and Informal)

Reading : Techniques of reading, skimming, Scanning, SQ3R technique

Suggested Reading: *Daily Newspaper, E newspapers*

**CO-2
BTL-4**

MODULE 3 :CREATIVE WRITING SKILLS

(5L+0P=5)

Creative Writing: Scope of creative writing; Report Writing, Paragraph, Letter Writing (formal and Informal), Memo, Circular, Preparation of Agenda, Minutes of the meeting, Notice, Description of projects and features

**CO-3
BTL-4**

Curriculum and Syllabus (B.Des Interior Design)

Suggested Reading: <i>Daily Newspaper, E newspapers</i>		
MODULE 4 :SPEAKING SKILLS(5L+0P=5)		
Speaking: How to converse with people, how to communicate effectively; Pronunciation drills, Phonetics, vowels, Diphthongs, consonants, Dialogue and Conversational skills, Role play, Telephone etiquette. Interview technique, preparing for interviews (HR questions) Mock Interviews Suggested Reading: <i>Daily Newspaper, E newspapers</i>		CO-4 BTL-4
MODULE 5: DIGITAL COMMUNICATION (5L+0P=5)		
Impact of internet on communication; communication through computers; voice mail; broadcast messages; e-mail auto response; Suggested Reading: <i>Daily Newspaper, E newspapers</i>		CO-5 BTL-4
DKS		
1	English Language – TN College Text Book - http://www.textbooksonline.tn.nic.in/books/dted/dted1-english.pdf	
MOOC		
1	https://www.mooc-list.com/course/business-english-basics-coursera	

SEMESTER – II

COURSE TITLE	ADVANCED THEORY OF DESIGN			CREDITS		3
COURSE CODE	IDB4116	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-4
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	Theory of design is concerned with various theoretical approaches towards understanding and delineating design principles, design knowledge, and design practice.					
Course Objective	5. To understand the articulation of roof plane in interior spaces. 6. To understand the articulation of wall and floor plane in interior spaces. 7. To analyze and understand the organization of various forms to define spaces 4. To understand the concept of function relationship and its outcome of circulation through spaces. 5. To understand the design theories of Architects.					

Curriculum and Syllabus (B.Des Interior Design)

Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 6. Explain the articulation of roof plane in interior spaces. 7. Familiarize with articulation of wall and floor plane in interior spaces. 3. Familiarize with the organization of various forms to define spaces 4. Familiarize with the concept of function relationship and its outcome of circulation through spaces. 5. Explain the design theories of Architects.
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	3	2	1	-	1	1	2	3	1	1	2	3	-	-	-	1
CO-2	2	1	1	-	1	2	2	3	1	1	2	3	-	-	-	1
CO-3	3	2	1	-	1	1	2	3	1	1	1	3	-	-	-	1
CO-4	2	2	1	-	1	1	2	3	1	1	2	3	-	-	-	1
CO-5	3	1	1	-	1	1	2	2	1	1	2	3	-	-	-	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1: BUILDING COMPONENTS AND DESIGN – ROOF PLANES

(12L+0P=12)

Role of roof planes in defining the ambience of an interior space – manipulation of roof planes – Example across typologies.

**CO-1
BTL-4**

MODULE 2: BUILDING COMPONENTS AND DESIGN – WALL AND FLOOR PLANES (9L+0P=9)

Role of wall planes in defining the ambience of an interior space – manipulation of wall planes – example across typologies - Role of floor planes in defining the ambience of an interior space – example across typologies.

**CO-1
BTL-4**

MODULE 3: ORGANISATION OF FORMS (12L+0P=12)

Spatial Relationships: i) Space within space, ii) Interlocking spaces, iii) Adjacent spaces, iv) Space linked by a common space b) Spatial Organization: influencing factors and their types i) Centralized, ii) Linear, iii) Radial, iv) Clustered, v) Grid c) Articulation of forms and spaces types : i) Edges and corners, ii) Surface. A Project on Creation of forms & spaces using the principles learnt.

**CO-1
BTL-4**

MODULE 4: CIRCULATION (6L+0P=6)

Function of building circulation components of building circulation - The building approach, The building entrance, configuration of the path, path space relationship, and form of circulation space with examples. Simple circulation diagram for buildings

**CO-1
BTL-4**

MODULE 5: APPLICATION OF DESIGN THEORIES (6L+0P=6)

Curriculum and Syllabus (B.Des Interior Design)

Small exercises to understand how theories come together to create good design – application of theories within typology and across typologies					CO-1 BTL-4	
TEXT BOOKS						
1.	Francis D. K. Ching, ‘Architecture - Form, Space and Order’, Van Nostrand Reinhold Company ,2007.					
2	V.S.Pramar, ‘Design Fundamentals in Architecture’, Somaiya Publications, New Delhi, 2007					
REFERENCE BOOKS						
1	Leland M.Roth, ‘Understanding Architecture’, Routledge; 3 edition, 2013					
2	Foundations in Architecture: An Annotated Anthology of Beginning Design Project, Van Nostrand Reinhold NY, 1993.					
3	Basic Visual Concepts and Principles for Artists, Architects and Designers by Charles Wallschlagger & Cynthia Busic-Snyder, McGraw Hill, New York 1992.					
4	Logic and Design in Art, Science and Mathematics by Krome Barratt, Globe Pequot Press, 2005.					
E BOOKS						
1.	http://ndl.iitkgp.ac.in/document/OkW0j6hdRjRF9TOI-AJ6ZaxR3oaR2haCcM8brpUUUVuw9jk4dMZ2lBdsVu6yFVm27NmC_d2yYd9-_dP7PfmJ6CQ					
	http://ndl.iitkgp.ac.in/document/rD3oym8UCm19P6yFn9P_jlFcu1r78QqPWhEJfrEKcO5ppiSL_L9aDFbnSyV-sWEStl1y0d3vt6-uXT7Q-NAQg					
MOOC						
1	https://www.edx.org/course/design-theory					
2	https://www.edx.org/course/design-thinking-fundamentals-ritx-think501x					
COURSE TITLE		HISTORY OF INTERIOR DESIGN – I (GLOBAL)			CREDITS	2
COURSE CODE		IDB4117	COURSE CATEGORY	PC	L-T-P-S	2-0-0-0
Version		1.0	Approval Details		LEARNING LEVEL	BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment		Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance	ESE
15%		15%	10%	5%	5%	50%
Course Description		In the past, interiors were put together instinctively as a part of the process of building. The practice of interior design harkens back to the Ancient Egyptians, who decorated their naive mud homes with basic furnishings enhanced by animal skins, simple textiles, graphic biographical and spiritual murals, sculptures, and painted urns.				

Curriculum and Syllabus (B.Des Interior Design)

Course Objective	<ol style="list-style-type: none"> 1. To understand various architectural and interior elements from the ancient Civilizations. 2. To review the classic styles and oriental influences from the past 3. To understand how various styles from Europe shaped Architecture and interiors during the middle ages. 4. To understand the role of decorative styles in history of architecture and interior design. 5. To appreciate various styles learnt through individual designs across diverse range of sources.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Explain architectural and interior elements from the ancient civilizations. 2. Familiarize with classic styles from the past. 3. Explain how various styles shaped architecture and interiors. 4. Familiarize with the decorative styles in architecture and interior design. 5. Familiarize with various styles.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	2	2	-	2	2	1	3	1	1	1	2	1	1	2	3
CO-2	2	2	2	-	2	3	1	3	1	3	1	2	1	1	2	3
CO-3	2	3	3	-	2	2	1	1	1	1	1	2	1	1	2	3
CO-4	2	3	3	-	2	2	1	1	1	1	2	1	1	2	3	2
CO-5	2	2	1	-	-	3	1	1	1	1	1	2	1	1	2	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:ELEMENTS OF STYLE

(6L+0P=6)

Elements of style and determinants of Interior environments in Ancient Civilization: emphasis shall be on Architectural elements, furniture, decorative arts, colours& materials. Egyptian - Indus Valley Civilization - The ancient Near East.	CO-1 BTL-4
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MODULE 2:CLASSICAL WORLD ANDORIENTAL INFLUENCES(6L+0P=6)

Greek, Roman architecture and Eastern influences - China and Japan.	CO-1 BTL-4
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MODULE 3:FROM THE MIDDLE AGES TO RENAISSANCE(6L+0P=6)

Early Christian and Byzantine, Romanesque and Gothic, Renaissance.	CO-1 BTL-4
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Curriculum and Syllabus (B.Des Interior Design)

MODULE 4:DECORATIVE STYLES(6L+0P=6)	
Ornamentation and decoration - Baroque, Rococco, and other royal styles	CO-1 BTL-4
MODULE 5: APPLICATION OF STYLES IN INTERIORS(6L+0P=6)	
Exercises involving mix and match across styles involving eclectic compositions across typologies and themes.	CO-1 BTL-4
TEXT BOOKS	
1.	John F. Pile, A history of interior design, 2nd edition, Laurence King Publishing, 2005. Jeannie Ireland, History of Interior Design, air child publications, illustrated ed., 2009.
2	Giedion Sigfried, Space, Time and Architecture: The growth of a new tradition, 5th ed. Harvard University Press, Cambridge, 2008.
REFERENCE BOOKS	
1	Pile. F John, Gura Judith (2013) A History of Interior Design, Wiley, New York, 4 th edition.
2	Sir Banister Fletcher, A History of Architecture, CBS Publications (Indian Edition), 20th Edition 2002.
E BOOKS	
1.	https://www.yumpu.com/en/document/view/36775179/roman-architecture-notes.pdf
2	https://tigerprints.clemson.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1909&context=all_theses
3	http://www.nationalmuseumindia.gov.in/pdfs/Harappan-Civilization.pdf
4	http://www.arch.mcgill.ca/prof/mellin/articles/glassievarch.pdf
5	http://iaste.berkeley.edu/pdfs/01.2b-Spr90glassie-sml.pdf
MOOC	
1	http://www.architecturecourses.org/classical-architecture-history
2	https://www.edx.org/course/global-history-architecture-mitx-4-605x-0

COURSE TITLE	ENVIRONMENTAL SCIENCE			CREDITS		1
COURSE CODE	BDA1119	COURSE CATEGORY	BS	L-T-P-S		1-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-1
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	Environmental science is an interdisciplinary academic field that integrates physical, biological and information sciences to the study of the environment, and the solution of environmental problems. Architects and Designers need to make buildings that are friendly to the environment and more green which can be adaptable to the surroundings.					

Curriculum and Syllabus (B.Des Interior Design)

Course Objective	<ol style="list-style-type: none"> 1. To understand our natural resources, energy resources and the biodiversity of the planet. 2. To Obtain basic knowledge on ecosystem and types of ecosystem. 3. To Understanding the social Issues and the impact of population on the environment. 4. To Obtain basic knowledge on environment pollutions, its types and pollutants 5. To understand the social issues and the environment.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize with bio diversity of the planet. 2. Familiarize with the types of ecosystem. 3. Explain the impact of pollution on the environment. 4. Familiarize with the environmental pollutants and its types. 5. Familiarize with the social issues and the environment.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-2	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-3	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-4	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-5	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:INTRODUCTION TO WORLD ART & CULTURES (6L+0P=6)

Definition, scope and importance, of environmental studies, Need for public awareness. Renewable and non-renewable resources: Natural resources and associated problems. Forest resources: Water resources: Mineral resources: Food resources: Energy resources: Land resources.	CO-1 BTL-4
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MODULE 2:ECO SYSTEMS(6L+0P=6)

Structure and function of an ecosystem, Concept of an ecosystem , Producers, consumers and decomposers, Energy flow in the ecosystem, Ecological succession, Food chains, food webs and ecological pyramids, Types of Eco system	CO-1 BTL-4
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MODULE 3:BIODIVERSITY AND ITS CONSERVATION(6L+0P=6)

Bio-geographical classification of India, Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values, Hot-spots of biodiversity. Threats to biodiversity. Endangered and Endemic species of India. Conservation of biodiversity	CO-1 BTL-4
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Curriculum and Syllabus (B.Des Interior Design)

MODULE 4:ENVIRONMENTAL POLLUTION(6L+0P=6)	
Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, nuclear hazards, Solid waste Management, Disaster management : floods, earthquake, cyclone and Landslides.	CO-1 BTL-4
MODULE 5: SOCIAL ISSUES AND THE ENVIRONMENT(6L+0P=6)	
Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case Studies. Wasteland reclamation. Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act, Issues involved in enforcement of environmental legislation. Public awareness.	CO-1 BTL-4
TEXT BOOKS	
1.	Bio geo genesis, Green agenda, Sustainability.
REFERENCE BOOKS	
1	Cunningham, W.P. Cooper T.H. Gorhani, E& Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p
2	Text Book for environmental Studies For UGC, Erach Bharucha, 2004
E BOOKS	
1.	http://www.ugc.ac.in/oldpdf/modelcurriculum/env.pdf
MOOC	
1	http://academicearth.org/environmental-studies/

COURSE TITLE	BASIC CONSTRUCTION TECHNIQUES AND REPRESENTATION			CREDITS		3
COURSE CODE	IDA4119	COURSE CATEGORY	BS	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Curriculum and Syllabus (B.Des Interior Design)

Course Description	Construction methods are the procedures and techniques that are used during the building process. It refers to the collection of innovative tools, machinery, modifications, software, etc. used during the construction phase of a project that enables advancement in field construction methods, including semi-automated and automated construction equipment.
Course Objective	<ol style="list-style-type: none"> 1. To Understand the progressive function of hardware's and Its properties, application in interior and base building construction industry, To gain awareness of the existing and new trends and availability of hardware and accessories materials. 2. To Understand the stone varieties and properties to use in interior building Industry. 3. To Understand the rubber performance at various state and properties to use in interior building construction industry. 4. To Understand properties and use of plastics in interior building industry. 5. To Understand in detail about the types and use of partitions and false ceilings in interior construction industry.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Explain the progressive function of hardwares and its properties. 2. Familiarize with the types of ecosystem. 3. Explain the impact of pollution on the environment. 4. Familiarize with the environmental pollutants and its types. 5. Familiarize with the social issues and the environment.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:HARD WARE(12L+0P=12)

Hardware &Accessories : all hardware required for residences, offices, other public & private spaces, etc., including all types of hinges, drawer slides, handles, locks, wire managers, etc., accessories for toilet, kitchen, office, glass patch fittings, profiles, etc.,	CO-1 BTL-4
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MODULE 2:STONES(9L+0P=9)

Curriculum and Syllabus (B.Des Interior Design)

Stones : Igneous, metamorphic & sedimentary – classifications, types, properties, availability, applications		CO-1 BTL-4
MODULE 3: RUBBER (6L+0P=6)		
Rubber – Natural rubber, latex, coagulation, vulcanizing and synthetic rubber-properties and application.		CO-1 BTL-4
MODULE 4: PLASTIC (6L+0P=6)		
Plastics – Types, thermosetting and thermo plastics, resins, common types of moldings, fabrication of plastics, polymerization and condensation. Plastic coatings reinforced plastic, plastic laminates – properties, uses and applications.		CO-1 BTL-4
MODULE 5: PARTITIONS AND FALSE CEILING (6L+0P=6)		
Partition walls : all types of partitions – full height, half & dwarf, double skinned, single skinned, frameless glass, etc., Wall paneling : plywood, leather, acoustic boards, etc., False Ceiling : all types, with full system, insulation, acoustical, etc.,		CO-1 BTL-4
TEXT BOOKS		
1.	Bindra, S.P. and Arora, S.P. Building Construction: Planning Techniques and Methods of Construction, 19th ed. Dhanpat Rai Pub., New Delhi, 2000.	
2	Moxley, R. Mitchell's Elementary Building Construction, Technical Press Ltd.	
REFERENCE BOOKS		
1	Rangwala, S.C. Building Construction 22nd ed. Charota Pub. House Anand, 2004.	
2	Sushil Kumar. T.B. of Building Construction 19th ed. Standard Pub. Delhi, 2003.	
3	Francis D. Ching, Building Construction Illustrated, Wiley publishers, 2008.	
E BOOKS		
1.	http://www.slcdocs.com/historicpreservation/guideres/ch2.pdf	
2	http://www.ouhk.edu.hk/LIPACE/Full_time/Notice/tips-201207/DESN3004EF%20Environment%20and%20Interior%20Design%20Study%20Notes.pdf	
3	http://www.csdcindia.org/sites/default/files/QP%20-%20Chargehand%20False%20Ceiling%20%26%20Dry%20Wall%20Installer.pdf	
MOOC		
1	https://www.makeuseof.com/tag/learn-interior-design-8-free-online-courses/	
2	http://www.interiordesignonline.edu.au/	
3	https://www.udemy.com/topic/interior-design/	

COURSE TITLE	VALUE AND ETHICS			CREDITS		1
COURSE CODE	BDA1120	COURSE CATEGORY	BS	L-T-P-S		1-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-2
ASSESSMENT SCHEME						

Curriculum and Syllabus (B.Des Interior Design)

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, students will study about the human rights, human values, behavioral values, professional ethics and professional values in current scenario.
Course Objective	<ol style="list-style-type: none"> 1. To Understand the values and its importance in current scenario 2. To Understand human rights and identifying social evils 3. To Understand the need to create awareness amongst others to help curb injustice and spread human values. 4. To Understand professional ethics and professional values. 5. To Understand the knowledge on behavioral values.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Explain the importance of values in current scenario. 2. Familiarize with the human rights. 3. Explain the need to spread human values. 4. Familiarize with the professional ethics and professional values. 5. Familiarize with the behavioral values.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	-	-	1	-	3	1	2	3	1	-	-	-	-	1	3
CO-2	1	-	-	1	-	3	1	2	3	1	2	-	-	-	1	3
CO-3	1	-	-	1	-	3	1	2	3	1	-	-	-	-	1	3
CO-4	1	-	-	1	-	3	1	2	3	1	-	-	-	-	1	3
CO-5	1	-	-	1	-	3	1	2	3	1	-	-	-	-	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:NEED FOR STUDY(3L+0P=3)

Value Education—Introduction – Definition of values – Need of values – Need for Incultation of values – Object of Value Education – Sources of Values – Types of Values: i) Personal values ii) Social values iii) Professional values iv) Moral and spiritual values) Behavioral (common) values	CO-1 BTL-4
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MODULE 2:PERSONAL VALUES(5L+0P=5)

Curriculum and Syllabus (B.Des Interior Design)

Personal values – Definition of person – Self confidence – Relative and absolute confidence, being self determined, swatantrata (loosely equivalent to freedom). Self discipline – Self Assessment – Self restraint –Self motivation – Determination – Ambition – Contentment Self-respect and respect to others; expression of respect		CO-1 BTL-4
MODULE 3:SOCIAL VALUES(5L+0P=5)		
Social values – Units of Society - Individual, family, different groups – Community – Social consciousness–EqualityandBrotherhood–Dialogue–Tolerance–Sharing–Honesty-Responsibility– Cooperation; Freedom – Repentance and Magnanimity. Peer Pressure – Ragging - examples - making one’s own choices		CO-1 BTL-4
MODULE 4 :PROFESSIONAL VALUES(5L+0P=5)		
Professional values – Definition – Competence – Confidence – Devotion to duty – Efficiency – Accountability – Respect for learning /learned – Willingness to learn- Open and balanced mind – Team spirit – Professional Ethics – Willingness for Discussion; Difference between understanding and assuming Time Management: Issues of planning, as well as concentration (and aligning with self goals)Expectations from yourself. Excellence and competition, coping with stress, Identifying one’s interest as well as strengths.		CO-1 BTL-4
MODULE 5: BEHAVIOURAL VALUES (5L+0P=5)		
Behavioral values – Individual values and group values. Anger: Investigation of reasons, watching one’s own anger; Understanding anger as: a sign of power or helplessness, distinction between response and reaction. Right utilization of physical facilities. Determining one’s needs - needs of the self and of the body, cycle of nature. Relationship with teachers. Inside the class, and outside the class, interacting with teachers. Complimentary nature of skills and values. Distinction between information & knowledge Goals: Short term goals and long term goals; How to set goals; How to handle responsibilities which have to be fulfilled while working for goals.		CO-1 BTL-4
TEXT BOOKS		
1.	Values (Collection of Essays)., Published by : Sri Ramakrishna Math.,Chennai— (2008)	
2	Prof. R.P.Dhokalia., Eternal Human Values NCRT – Campus Sri Aurobindo Marg., New Delhi	
REFERENCE BOOKS		
1	Holy Books of all religions	
E BOOKS		
1.	https://www.researchgate.net/publication/293755836_VALUE_EDUCATION_NEE_D_OF_THE_HOUR	
2	http://cbseportal.com/e-books/download-free-ncert-e-book-education-for-values-in-school-a-framework	

COURSE TITLE	BASICS OF COMPUTER DESIGN AND DIGITALFABRICATION			CREDITS		3
COURSE CODE	IDA4126	COURSE CATEGORY	BS	L-T-P-S		1-0-4-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3

Curriculum and Syllabus (B.Des Interior Design)

ASSESSMENT SCHEME																
First Periodical Assessment	Second Periodical Assessment		Seminar/ Assignments/ Project			Surprise Test / Quiz		Attendance				ESE				
15%	15%		10%			5%		5%				50%				
Course Description	In this course, students will study the basics of Autocad and photoshop.															
Course Objective	1. To Understand the basic components of operating on menu and setup wizard. 2. To Understand the co-ordinate systems, UCS, shortcuts in AutoCAD 3. To Understand the settings of environment. 4. To Understand drafting, dimensioning and layers 5. To Understand the various tools on Photoshop.															
Course Outcome	Upon completion of this course, the students will be able to 1. Explain the basic components of operating on menu and setup wizard. 2. Familiarize with the co-ordinate systems, UCS, shortcuts in AutoCAD. 3. Explain the settings of environment. 4. Familiarize with the drafting, dimensioning and layers 5. Familiarize with the tools on Photoshop.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PSO -1	PS O-2	PSO -3	PSO -4	PSO -5
CO-1	-	-	1	1	3	1	1	1	-	-	-	1	-	3	-	-
CO-2	-	-	1	1	3	1	1	1	-	-	-	1	-	3	-	-
CO-3	-	-	1	1	3	1	1	1	-	2	-	1	-	3	-	-
CO-4	2	1	3	1	3	1	1	1	1	1	-	1	-	3	-	-
CO-5	3	1	3	-	3	1	1	1	1	1	-	1	-	3	-	-
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:BASIC OUTLINE(12L+0P=12)																
Introduction to the menu, starting drawings from scratch. Creating and using templates- starting drawings with setup wizards. Saving and closing a file.													CO-1 BTL-4			
MODULE 2:AXIS POINTS(9L+0P=9)																

Curriculum and Syllabus (B.Des Interior Design)

Using co-ordinate systems – The UCS. Working with Cartesian and polar coordinate systems. Using displays with shortcuts.		CO-1 BTL-4
MODULE 3:UNITS, LIMITS AND LAYERS (6L+0P=6)		
Setting up the drawing environment – setting the paper size, setting units, grid limits, drawing limits, snap controls. Use of paper space and model space. Basic commands dealing with drawing properties: Layer control, change properties, line weight control, etc.		CO-1 BTL-4
MODULE 4 :DIMENSIONS, CALCULATIONS AND GROUPING(6L+0P=6)		
Inquiry methods: Using data base information for objects, calculating distance, angle, areas etc. Dimensioning commands and blocks: Dimensioning the objects in linear, angular fashions along with quick time dimensioning etc. Creating and working with blocks, creating symbols, use of blocks in creating a layout, of a residential area- one exercise to be done as lab assignment.		CO-1 BTL-4
MODULE 5: BASICS OF ADOBE PHOTOSHOP(6L+0P=6)		
Tool box (Moving , marquee tool), Magic ward selection, Crop tool, Paint Brush, Opacity, Tent Styles,Blue tool, Sharpening Tool, Colour correction, Layers, moving Tool, Masking Tool.		CO-1 BTL-4
TEXT BOOKS		
1.	Computer Design & Digital Fab.	
2	Auto Desk, Revit 2017 for Architecture, Sybex, 2016 .	
REFERENCE BOOKS		
1	R Auto Desk, 3DS MAX comprehensive tutorial resources Wiley 2014.	
2	Sketch up for interior Design . 3D visualising designing & space planning by Lidya Sloan, Wiley Publisher – 2014.	
3	Auto Desk Auto cad 2017 for Architecture, Sybex , 2016.	
E BOOKS		
1.	http://toasterdog.com/files/basics_of_photoshop_full_guide.pdf	
2	http://academics.triton.edu/faculty/fheitzman/Customizing%20AutoCAD.pdf	
MOOC		
1	https://www.coursera.org/learn/2d-cad#%20	
2	http://au.autodesk.com/au-online/classes-on-demand/search?full-text=autocad	
3	https://www.udemy.com/introduction-to-graphic-design/	

COURSE TITLE	ADVANCED VISUALIZATION AND REPRESENTATION			CREDITS		3
COURSE CODE	IDA4127	COURSE CATEGORY	BS	L-T-P-S		2-0-2-0

Curriculum and Syllabus (B.Des Interior Design)

Version		1.0		Approval Details						LEARNING LEVEL				BTL-3			
ASSESSMENT SCHEME																	
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project				Surprise Test / Quiz		Attendance				ESE			
15%		15%		10%				5%		5%				50%			
Course Description		In this course, students will study about the standards for residential furniture and learn how to apply them through drafting.															
Course Objective		1. To understand the spatial and stylistic qualities associated with architecture. 2. To understand architecture as an outcome of various social, political and economic Upheavals. 3. To understand architecture as a response to the cultural and context. 4. To understand the standards for residential furniture and apply them through drafting. 5. To understand the standards for office furniture and apply them through drafting.															
Course Outcome		Upon completion of this course, the students will be able to 1. Explain the basic components of operating on menu and setup wizard. 2. Familiarize with the co-ordinate systems, UCS, shortcuts in AutoCAD. 3. Explain the settings of environment. 4. Familiarize with the drafting, dimensioning and layers 5. Familiarize with the tools on Photoshop.															
Prerequisites:																	
CO, PO AND PSO MAPPING																	
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5	
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-	
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-	
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-	
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-	
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-	
1: Weakly related, 2: Moderately related and 3: Strongly related																	
MODULE 1:- FINISHES & STAIRCASE(12L+0P=12)																	

Curriculum and Syllabus (B.Des Interior Design)

Wall finishes, wall plastering, chamfered corners, dado, wall cladding, fixing of doors & windows, etc Details of floor finishes : tiling/ stone flooring, wooden flooring, access flooring Plans, sections & elevations of staircases : Types of staircase, different materials – RCC, wood, steel staircase, etc	CO-1 BTL-4
MODULE 2:WOOD WORK REPRESENTATION(9L+0P=9)	
All woodworks : joinery, types of doors, windows, etc Detailed drawing of Partition walls : all types of partitions – full height, half & dwarf, double skinned, single skinned, frameless glass, etc Wall paneling : plywood, leather, acoustic boards, etc False Ceiling : types with full system, insulation, acoustical, etc	CO-1 BTL-4
MODULE 3:RESIDENTIAL FURNITURE (6L+0P=6)	
Detailed plan, sections, elevations and isometrics of the standard residential furniture like:Sofas – double, single seat Tables – peg, nested, dining, etc Chairs –study, dining, sofa chairs, etc Beds with side tables – TW frame, box frame, with storage, etc	CO-1 BTL-4
MODULE 4 :STORAGE REPRESENTATION(6L+0P=6)	
Storage & display units : dressing table units, showcase, china cabinets, home bar, entertainment units, book case, tall boy units, chest of drawers, etc Bar counter with bar stool. Detailed plan,sections, elevations with one point perspectives of kitchen with details of each units, etc .	CO-1 BTL-4
MODULE 5: OFFICE FURNITURE(6L+0P=6)	
Detailed plan, sections, elevations and isometric views of office furniture – hierarchy of work stations,tables, return units, filing units, Reception table, etc	CO-1 BTL-4
TEXT BOOKS	
1.	Shah, M G & others, Building Drawing : An Integrated approach to build Environment, 5TH edition, Tata McGraw Hill Publications Company Ltd, New Delhi, 2012
2	Kilmer, Working Drawings & Details for Interiors, John Wiley & Sons., 2009
REFERENCE BOOKS	
1	Dr. B.C Punmia , Building construction , Laxmi publications Pvt. Ltd., New Delhi, 1993.
2	Francis D. K. Ching - Building Construction Illustrated, VNR, 1975
3	W.B.Mckay, Building construction, Longmans, UK 1981
E BOOKS	
1.	https://www.griffith.edu.au/_data/assets/pdf_file/0021/196203/13.00-Floor-Finishes-v18.pdf
2	https://www.researchgate.net/publication/320800578_Interior_Finishing_Materials
3	http://www.prenhall.com/divisions/ect/app/mehta.old/MEHTMC26_0131579886.pdf
4	http://www.rmf-group.com/catalog/catalog.pdf
5	https://www.fema.gov/sites/default/files/orig/plan/prevent/earthquake/fema74/pdf/chapter6_5_1/chapter6_5_1_1.pdf
MOOC	
1	https://www.finefurnituremaker.com/course-syllabus/
2	https://www.risd.edu/academics/furniture-design/courses/

Curriculum and Syllabus (B.Des Interior Design)

3	http://ceas.uc.edu/wood/furniture-drawing-courses.html															
COURSE TITLE			BASIC DESIGN - II									CREDITS			4	
COURSE CODE			IDB4141		COURSE CATEGORY				PC		L-T-P-S			0-0-8-0		
Version			1.0		Approval Details						LEARNING LEVEL			BTL-6		
ASSESSMENT SCHEME																
First Periodical Assessment			Second Periodical Assessment		Seminar/ Assignments/ Project				Surprise Test / Quiz		Attendance			ESE		
15%			15%		10%				5%		5%			50%		
Course Description			In this course students will learn how do design residential spaces using anthropometry.													
Course Objective			1. To understand the need of measurement for future design in spatial planning. 2. To understand design module and use anthropometry 3. To understand spaces of comfort and spatial quality.													
Course Outcome			Upon completion of this course, the students will be able to 1. Familiarize with space planning. 2. Formulate and design module and use anthropometry as a tool in design. 3. Formulate and design spaces of comfort and spatial quality.													
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	2	2	1	1	2	2	3	1	2	1	3	1	1	-	1
CO-2	1	2	1	2	1	2	2	3	1	2	1	3	1	1	-	1
CO-3	2	2	2	1	1	2	2	3	1	2	-	3	1	1	-	1
CO-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:- BASIC ANTHROPOMETRICS(12L+0P=12)																
Average measurements of human body in different postures – its proportion and graphic representation, application in the design of simple household and furniture. Role of mannequins in defining spatial parameter of design. Basic human functions and their implications for spatial planning. Minimum and optimum areas for various functions.													CO-1 BTL-4			
MODULE 2:INTRODUCTION TO DESIGN METHODOLOGY(9L+0P=9)																

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Detailed study of residential spaces: such as, living, dining, bedrooms, kitchen, toilet etc. including the Furniture layout, circulation, clearances, etc. Case study of existing residential spaces and the analysis of the spaces therein, to be taken up. Preparing user profile, bubble and circulation diagrams.		CO-1 BTL-4
MODULE 3:VISUAL ANALYSIS DESIGNED SPACES(6L+0P=6)		
Visual analysis designed spaces of noted for comfort and spatial quality; analysis of solid and void relations, positive and negative spaces. Integration of spaces and function in the design of kiosk for - traffic police, ATM center, etc; stalls inside a shopping mall, - jewellery stall, flower stall, ice cream stall, etc; booths - bus ticketing booth, smokers' booths, etc.		CO-1 BTL-4
TEXT BOOKS		
1.	Karlen Mark, Space planning Basics, Van Nostrand Reinhold, New York, 3rd edition 2009	
2	V.S.Pramar, 'Design Fundamentals in Architecture', Somaiya Publications, New Delhi, 2007	
REFERENCE BOOKS		
1	Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.	
2	Francis.D. Ching& Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004.	
E BOOKS		
1.	https://multisite.eos.ncsu.edu/www-ergocenter-ncsu-edu/wp-content/uploads/sites/18/2016/06/Anthropometric-Detailed-Data-Tables.pdf	
2	http://www.stat.colostate.edu/~jah/papers/Irvine%20et%20al%202007.pdf	
3	http://iopscience.iop.org/article/10.1088/1755-1315/95/5/052008/pdf	
4	https://bwrcs.eecs.berkeley.edu/Classes/lcBook/SLIDES/slides11.pdf	

COURSE TITLE	INTERIOR SPACE DRAWING			CREDITS		2
COURSE CODE	IDB4142	COURSE CATEGORY	PC	L-T-P-S		0-0-4-2
Version	1.0	Approval Details		LEARNING LEVEL		BTL-6
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about interior space drawing. They will also learn the purpose of shadow and the theory of perspectives in design.					

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Course Objective	<ol style="list-style-type: none"> 1. To understand the spatial and stylistic qualities associated with design and creativity. 2. To understand interior design using different medias of presentation. 3. To understand architecture as a response to culture and context. 4. To understand purpose of shadows in buildings and in interiors. 5. To understand theory of perspective in design.
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. Familiarize with the special and stylistic qualities associated with design and creativity. 2. Formulate and design using different medias of presentation. 3. Explain architecture as a response to culture and context. 4. Familiarize with the shadows in buildings and in interiors 5. Explain the theory of perspective in design.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-2	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-3	1	2	2	-	1	3	2	3	1	2	-	3	1	1	-	1
CO-4	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-5	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:- PENS & BRUSHES (12L+0P=12)

Introduction to pen and brush exercises – Simple exercises of shapes and lines, lines and textures, pen lines, ruling with pen and brush, brush lines etc.

**CO-1
BTL-4**

MODULE 2:TONES AND RENDERING (12L+0P=12)

Tones and Rendering – tones in pen drawings, value scales, Gray values, Grading tones etc. Simple exercises of tonal values and textures with pen. Colour study, monochrome and wash rendering etc. Rendering of the perspectives in different media through drawing pencil, sketch pen, pencil colour, monochrome, wash rendering etc.

**CO-1
BTL-4**

MODULE 3:LANDSCAPE AND SHADOWS (12L+0P=12)

Integrating landscape elements, human figures, shadows, foreground etc in the perspectives.

**CO-1
BTL-4**

MODULE 4 :SCIOGRAPHY (12L+0P=12)

Introduction to Sciography – Simple and composite forms, shadows on horizontal, vertical planes and on their own surfaces. Study of shade and shadows of simple geometrical solids of various forms and groups of forms in Interiors.

**CO-1
BTL-4**

MODULE 5 :PERSPECTIVE (12L+0P=12)

Perspective: Characteristics of perspective drawings, perspectives of simple geometric solids and Spaces and complex geometries. Advanced examples in

**CO-1
BTL-4**

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one point or parallel perspective, two pointInterior perspectives of rooms.		
Introduction to three-point perspective of furniture.		
TEXT BOOKS		
1.	Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, wiley publishers, 2007	
2	MogaliDelgadeYanes and Ernest Redondo Dominquez, Freehand drawing for Architects and Interior Designers, ww.Norton& co., 2005	
REFERENCE BOOKS		
1	Francis D.Ching, Design Drawing, Wiley publishers	
2	Conli, Claudius. Drawings by Architects.	
3	Bellings, Lance Bowen. Perspective space and Design.	
4	Joseph D, Amelio, Perspective Drawing Hand book, Dover publications, 2004	
E BOOKS		
1.	https://www.elsevier.com/book/architectural-graphics/ching/9780731290555	
2	https://dtcc.edu/project.inco.arch.dwg	

COURSE TITLE	INTERNSHIP			CREDITS		1
COURSE CODE	IDB4142	COURSE CATEGORY	PC	L-T-P-S		0-0-4-2
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	Students will work with artisans to learn tools, techniques and design process used in a project.
Course Objective	1. To understand the tools, techniques and design process from consultants.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <p>1. Familiarize with the tools, techniques and design process from consultants</p>

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5
CO-1	3	2	3	3	3	2	2	2	1	3	2	3	2	3	1	-

1: Weakly related, 2: Moderately related and 3: Strongly related

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Every student must work with, artisans, for 10 days after identification of the consultants and discussion with the concerned faculty. The student should involve in the work of these people and observe and document the materials, tools, techniques and process used by them in the projects. After the summer vacation, every student will have to submit a detailed report with drawings, photographs of the work in which the student was involved with the consultants.

SEMESTER III

COURSE TITLE		BASICS OF FURNITURE DESIGN			CREDITS		3
COURSE CODE		IDB4201	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version		1.0	Approval Details		LEARNING LEVEL		BTL-3
	ASSESSMENT SCHEME						
First Periodical Assessment		Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%		15%	10%	5%	5%		50%
Course Description		In this course, students will study about the history of furniture design and theories to develop furniture in different styles.					
Course Objective		1. To understand the usage of basic theories of design to develop furniture in different styles. 2. To understand the principles of universal design. 3. To understand history and other case studies. 4. To understand the concepts with appropriate terms and reflect the design by developing furniture of different categories. 5. To understand seating typologies and impact of culture on them.					
Course Outcome		Upon completion of this course, the students will be able to 1. Formulate and design furniture in different styles. 2. Formulate and design comfortable furniture in public buildings. 3. Familiarize with history and evolution of furniture design. 4. Formulate and design furniture of different categories. 5. Familiarize with the seating typologies and impact of culture on them.					
Prerequisites:							
CO, PO AND PSO MAPPING							

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CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	2	3	1	1	1	2	3	1	2	1	3	1	1	1	2
CO-2	-	-	3	2	2	1	2	3	1	2	1	2	1	1	3	2
CO-3	-	-	3	2	2	1	2	3	1	2	1	2	3	2	1	2
CO-4	-	-	3	2	2	1	2	3	1	2	1	3	1	1	1	2
CO-5	-	-	3	2	2	1	2	3	1	2	2	1	1	3	2	2

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:- FUNCTIONAL AND FORMAL ISSUES IN DESIGN (12L+0P=12)

Study and evaluation of popular dictums such as “Form follows function”, Form and function are one”, “God is in Details”, “Less is more” or “Less is bore” etc. Evaluation of visual design: study of Gestalt theory of design – law of closure, law of proximity, law of continuity etc. Typology of furniture with respect to the different states in India.

**CO-1
BTL-4**

MODULE 2:ERGONOMICS AND HUMAN FACTORS(10L+0P=10)

Human factors, engineering and ergonomic considerations: Principles of Universal Design and their application in furniture design.

**CO-1
BTL-4**

MODULE 3:EVOLUTION OF FURNITURES(10L+0P=10)

Evolution of furniture from Ancient to present: Various stylistic transformations. Furniture designers and movements for various types of furniture.

**CO-1
BTL-4**

MODULE 4 :ROLE OF FURNITURE (7L+0P=7)

Furniture categories – role of furniture in interior design, exploration of the idea of furniture as elements of living units, education institutes, health facilities, street elements office, educational institutes, banks, stores, street furniture, etc

**CO-1
BTL-4**

MODULE 5: SEATING (6L+0P=6)

Seating Design: Different types of seating with Functionality, Aesthetics , Style, Human factors and ergonomics
Assignment: Design with wood, metal and combination of materials. Drawings, details. Market survey of available products and economics of products.
Design of furniture for upper middle, middle and lower middle income groups - elements of living units, educational institutes, health facilities, street elements etc.Exploration of wood, metal, glass, plastics, FRP, etc as materials for furniture design – traditional and modular. Cost criteria of furniture design.

**CO-1
BTL-4**

TEXT BOOKS

1.	Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, wiley publishers, 2007
2	Mogali Delgado Yanes and Ernest Redondo Dominquez, Freehand drawing for Architects and Interior Designers, www.Norton & co., 2005

REFERENCE BOOKS

1	Bradley Quinn, Mid-Century Modern: Interiors, Furniture, Design Details, Conran Octopus Interiors, 2006.
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2	Jim Postell, Furniture Design, Wiley publishers, 2007.
3	Robbie. G. Blakemore, History of Interior Design and Furniture: From Ancient Egypt to Nineteenth-Century Europe, Wiley publishers, 2005.

COURSE TITLE	INTERIOR LANDSCAPE				CREDITS		3
COURSE CODE	IDB4202	COURSE CATEGORY	BS	L-T-P-S			3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL			BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, students will study about the role of hardscape and landscaping design parameters for various types of built forms.
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Course Objective	<ol style="list-style-type: none"> 1. To understand the basic palette of design outside the premise of the built envelope. 2. To understand knowledge of plant life and the science behind their life. 3. To understand plants as a design element and understand its visual and physical dimensions. 4. To understand the role of hardscape elements and assess their role individually. 5. To understand the application of various tools in specific spatial context.
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Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Explain the basic palette of design outside the premise of the built envelope. 2. Familiarize with the plant life and the science behind their life. 3. Explain the visual and physical dimensions of plants. 4. Familiarize with the role of hardscape elements. 5. Familiarize with the application of various tools.
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-2	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-3	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-4	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1

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CO-5	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:- LANDSCAPE AND BUILT ENVIRONMENT(12L+0P=12)																
Introduction and role of landscape design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Introduction to the study of plants in relation to landscape design and interiors. Types of indoor plants, visual characteristics: i.e., colour, texture, foliage.														CO-1 BTL-4		
MODULE 2:VISUAL PERCEPTION(10L+0P=10)																
Flowers- its colours, texture and its visual perception in various indoor spaces and science of flower arrangement Indoor plants in Indian context. Plant biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. Botanical nomenclature, anatomy and physiology of plant growth. Market survey and costs.														CO-1 BTL-4		
MODULE 3:DESIGN WITH PLANTS (7L+0P=7)																
Design with plants – Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment														CO-1 BTL-4		
MODULE 4 :HARDSCAPE(6L+0P=6)																
Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful compositions for visual and functional effects.														CO-1 BTL-4		
MODULE 5: LANDSCAPE DESIGN PARAMETERS(10L+0P=10)																
Landscaping design parameters for various types of built forms- indoor and outdoor linkage to spaces.Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics-Science of maintaining and growing greenery. Automatic irrigation costing and Installation of micro irrigation systems.														CO-1 BTL-4		
TEXT BOOKS																
1.	Joseph DeChiara, Julius Panero, and Martin Zelnik Time-Saver Standards for Interior Design and Space Planning, 2nd edition, Mc-Graw Hill Professional,2001.															
2	Andreas Uebele, Signage Systems and Information Graphics , Thames and Hudson, 2007															
3	Craig Berger, Wayfinding: Designing and Implementing Graphic Navigational Systems,Rotovision, 2009.															
REFERENCE BOOKS																
1	Chris Calori, Signage and Way finding Design: A Complete Guide to Creating Environmental Graphic Design Systems, Wiley and sons, 2007.															
2	David Gibson, The Way finding Handbook: Information Design for Public Places, Princeton Architectural Press; 1st edition, 2009.															
3	Rayan Abdullah and Roger Hubner, Pictograms, Icons and Signs, Thames and Hudson, illustrated edition, 2006															

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE		HISTORY OF INTERIOR DESIGN – II (INDIAN)										CREDITS			2	
COURSE CODE		IDB4203		COURSE CATEGORY				BS		L-T-P-S			2-0-0-0			
Version		1.0		Approval Details						LEARNING LEVEL			BTL-3			
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project				Surprise Test / Quiz		Attendance			ESE			
15%		15%		10%				5%		5%			50%			
Course Description		In this course, students will study about the importance of culture and tradition in interior, emphasis of elements in interior and different contemporary styles in interiors.														
Course Objective		1. To understand the importance of culture and tradition in interior. 2. To understand the shapes and patterns that emphasize the elements in interiors. 3. To understand the different types of materials that could bring changes in the country. 4. To understand the imperialism and colonialism in Indian context. 5. To understand different contemporary styles in interiors.														
Course Outcome		Upon completion of this course, the students will be able to 1. Familiarize with the importance of culture and tradition in interior. 2. Familiarize with the shapes and patterns that emphasize the elements in interiors. 3. Formulate and design with differenttypes of materials. 4. Familiarize with imperialism and colonialism in Indian context. 5. Familiarize with different contemporary styles in interiors.														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	2	2	-	2	2	1	3	1	1	1	2	1	1	2	3
CO-2	2	2	2	-	2	3	1	3	1	3	1	2	1	1	2	3
CO-3	2	3	3	-	2	2	1	1	1	1	1	2	1	1	2	3
CO-4	2	3	3	-	2	2	1	1	1	1	2	1	1	2	3	2
CO-5	2	2	1	-	-	3	1	1	1	1	1	2	1	1	2	3
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:- INTERIOR SPACE AND RELIGION- BUDDHIST, JAIN AND HINDU(6L+0P=6)																

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Buddhist, Jain and Hindu faith - Harmony between architecture and interior in religious spaces – the play of light and shadow – art, sculpture, mould, wall treatments, roof treatments, floortreatments – interiors as reflection of the faith – examples and case studies across faiths	CO-1 BTL-4
MODULE 2:INTERIOR SPACE AND RELIGION -CHRISTIAN AND ISLAMIC(8L+0P=8)	
Christian and Islamic faith - Harmony between architecture and interior in religious spaces – the play of light and shadow – art, sculpture, mould, wall treatments, roof treatments, floor treatments –interiors as reflection of the faith – examples and case studies across faiths	CO-1 BTL-4
MODULE 3:REGIONAL VERNACULAR INTERIORS(4L+0P=4)	
Elements of style, materials and concepts of interiors in vernacular secular architecture across Northand South India -Jammu and Kashmir – Gujarat – Goa - Kerala – Tamil Nadu – examples and case studies	CO-1 BTL-4
MODULE 4 :IMPERIALISM AND COLONIALISM IN INDIA(4L+0P=4)	
Elements of Style - Ornamentation and decoration – quality of space – Colonial, Regency, Indo-Sarcenic - examples and case studies	CO-1 BTL-4
MODULE 5: APPLICATION OF STYLES IN INTERIORS(8L+0P=8)	
Range of contemporary Indian interiors – constituents of ‘earthy Indian interiors’ – Colours, materials,motifs and elements associated with Indian Interiors. Exercises and case studies	CO-1 BTL-4
TEXT BOOKS	
1.	John F. Pile, A history of interior design, 2nd edition, Laurence King Publishing, 2005. Jeannie Ireland, History of Interior Design, air child publications, illustrated ed., 2009
2	Elaine, Michael Dywer, Christopher Mackinnon, Norman A. J. BerisfordDenby , A History of Interior Design, Rhodoc International, 2000
REFERENCE BOOKS	
1	GiedionSigfried, Space, Time and Architecture: The growth of a new tradition, 5th ed. Harvard University Press, Cambridge, 2008.

COURSE TITLE	ADVANCED CONSTRUCTION TECHNIQUES ANDREPRESENTATION			CREDITS		3
COURSE CODE	IDB4204	COURSE CATEGORY	BS	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-2
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendanc e		ESE

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15%	15%	10%	5%	5%		50%
Course Description	In this course, students will study about the application of various types of roofing tiles and flooring tiles, fabric materials, soft furnishing materials and types of adhesives used in the interiors.					
Course Objective	1. To understand the various types of roofing tiles and flooring tiles in the application of interiors and exteriors. 2. To understand tools and technologies of glasses in the application of built form. 3. To understand fabric materials and its application in interior design. 4. To understand the soft furnishing materials. 5. To understand various types of adhesives available in commercial form.					
Course Outcome	Upon completion of this course, the students will be able to 1. Explain the various types of roofing tiles and flooring tiles. 2. Familiarize with the tools and technologies of glasses in the application of built form. 3. Explain the fabric materials and its application in interior design. 4. Familiarize with soft furnishing materials. 5. Familiarize with the types of adhesives available in commercial form.					

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:- TERRACOTTA AND TILES(12L+0P=12)

Roofing tiles: terracotta, sheets and fiber boards – properties and application. Flooring tiles : Various natural as well as artificial flooring materials like, ceramic tiles, full body vitrified tiles, terracotta tiles, glass mosaic tiles, stone tiles, Mosaic, Rubber, Linoleum, PVC and PVA flooring, their properties, other uses and applications in the interiors.	CO-1 BTL-4
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MODULE 2:GLASS AND GLASS PRODUCTS(12L+0P=12)

Glass and glass products – Composition and fabrication of glass, classification, all types of glass annealed, float, mirrored, tinted, etc. – including wired glass, fiber glass, laminated glass, glass blocks, etc - their properties and uses in buildings. Commercial forms available – their physical and behavioral properties. Application of glass: tools and technology of its application in built forms – glass	CO-1 BTL-4
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doors, partitions, etc. Material and workmanship, specifications.		
MODULE 3:FABRICS AND OTHER FURNISHING MATERIALS(6L+0P=6)		
Fabrics and other furnishing materials – fibers – natural – silk, cotton, linen, damask, furs, etc:artificial - polyester, nylon, rayon, etc , textiles, fabric treatments, carpets, durries, tapestries,Draperies, upholstery, wall coverings, etc. – properties, uses and application in the interiors		CO-1 BTL-4
MODULE 4 :SOFT FURNISHING (6L+0P=6)		
Details of soft furnishings : types of Draperies, curtains, blinds, types of stitches, valences, linings,tiebacks, hanging details, etc.		CO-1 BTL-4
MODULE 5: ADHESIVES (6L+0P=6)		
Adhesives – Natural and Synthetic, their varieties, thermoplastic and thermosetting adhesives, epoxyresin. Method of application, bond strength etc		CO-1 BTL-4
TEXT BOOKS		
1.	Shah, M G & others, Building Drawing : An Integrated approach to build Environment, 5TH edition, Tata McGrow Hill Publications Company Ltd, New Delhi, 2012	
2	Kilmer, Working Drawings & Details for Interiors, John Wiley & Sons., 2009	

COURSE TITLE	BASICS OF INTERIOR SERVICES			CREDITS		2
COURSE CODE	IDA4205	COURSE CATEGORY	BS	L-T-P-S		2-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will study about the water supply system, waste management system, sanitary system and electrical layout for the interiors.					

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Course Objective	<ol style="list-style-type: none"> 1. To understand the domestic water supply system and design the size of the tank. 2. To Obtain basic knowledge on the various sanitary fitting in the domestic setup. 3. To understand the appropriate sanitary system with respect to the layout and the economics. 4. To Obtain basic knowledge on the waste management system in residences and rain water harvesting. 5. To understand the various electrical appliances, their symbols and their installations with respect to NBC and prepare the electrical layout for the interiors.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize with various sanitary fitting in the domestic setup. 2. Familiarize with the various sanitary fitting in the domestic setup. 3. Explain the impact sanitary system with respect to the layout and the economics. 4. Familiarize with the waste management system in residences and rain water harvesting. 5. Familiarize with various electrical appliances, their symbols and their installations with respect to NBC and prepare the electrical layout for the interiors.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-2	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-3	1	2	2	-	1	3	2	3	1	2	-	3	1	1	-	1
CO-4	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-5	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:WATER SUPPLY		(5L+0P=5)
General idea of sources of water supply. Standards for quality of water. Domestic water systems, suction and storage tanks and their capacity. Pipes and their sizes and jointing. Consumption of water. Down take supply to various fittings.		CO-1 BTL-4
MODULE 2:SANITARY FITTINGS(5L+0P=5)		
Types of fittings like taps, ball valves, hot water supply systems, bathtubs, showers, jets, cocks, valves etc. Faucets for kitchens, bathrooms and toilets. Check valves, foot valves, sump pump check valves.		CO-1 BTL-4
MODULE 3:SANITATION		(8L+0P=8)
Basic principles of sanitations and disposal of waste materials from buildings. Connection to outdoor drainage system, size requirements, types of pipes		CO-1 BTL-4

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available in the market. Water carriage systems, standard sanitary fittings, traps, pipes and their jointing. Flushing systems. Bathroom interior layouts, extensive market survey of products available, economies of products available, fixing of the products with other finishing materials.		
MODULE 4:SOLID WASTE (4L+0P=4)		
Waste management : Refuse, different forms of refuse garbage, house refuse , refuse chutes , rain water harvesting etc		CO-1 BTL-4
MODULE 5: ELECTRICITY (8L+0P=8)		
Electrical Installations: Building wiring system. Service wires, metering distribution boards, circuits, MCB cutouts. Conductors, wiring methods, switch boards, electrical devices in the buildings, light and power circuits. Indian electricity rules, relevant provisions of NBC. Preparation of electrical layout scheme for a interior using standard electrical symbols.		CO-1 BTL-4
TEXT BOOKS		
1.	Rangwala, S.C. water supply and Sanitary Engineering : Environmental Engineering, Charotar pub house, Anand, 2008	
2	Electrical wiring and contracting (vol. 1 to vol.4), London. The New era Publishing Company	
3	DrFrithAbnwos and others, Electrical Engineering hand book.	
4	William . J. Guinness, Mechanical and Electrical Systems for Buildings, New York :McGraw Hill.	

COURSE TITLE	ADVANCED COMPUTER DESIGN AND DIGITAL FABRICATION			CREDITS		3
COURSE CODE	IDA4211	COURSE CATEGORY	BS	L-T-P-S		1-0-4-1
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendanc e		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will study about various software and also understand how to use rendering and presentation techniques for a drawing.					
Course Objective	1. To understand the basics of 3D drawings with sketch up software. 2. To obtain basic knowledge on theory behind 3d modeling with wireframe structures. 3. To understanding various commands in REVIT and create architectural drawings. 4. To obtain basic knowledge on the solid modeling techniques in the software. 5. To understand the rendering and presentation techniques for a drawing.					

Curriculum and Syllabus (B.Des Interior Design)

Course Outcome	Upon completion of this course, the students will be able to															
	1. Familiarize with basics of 3D drawings with sketch up software.															
	2. Familiarize with the theory behind 3d modeling with wireframe structures.															
	3. Explain various commands in REVIT and create architectural drawings.															
	4. Familiarize with the solid modeling techniques in the software.															
	5. Familiarize with the rendering and presentation techniques for a drawing.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	-	-	1	1	3	1	1	1	-	-	-	1	-	3	-	-
CO-2	-	-	1	1	3	1	1	1	-	-	-	1	-	3	-	-
CO-3	-	-	1	1	3	1	1	1	-	2	-	1	-	3	-	-
CO-4	2	1	3	1	3	1	1	1	1	1	-	1	-	3	-	-
CO-5	3	1	3	-	3	1	1	1	1	1	-	1	-	3	-	-
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:SKETCH UP (1L+9P=10)																
Orientation towards 3D : 2D to 3D conversion, perspective view, walk through the layout.													CO-1 BTL-4			
MODULE 2:3DMAX (0L+15P=15)																
Understanding 3D, theory behind 3D modeling. Preparing for construction of 3D models. Construction of 3D surface models- extrusion, wire frame, creation of a shell, elaborate surfaces.													CO-1 BTL-4			
MODULE 3:REVIT (2D + 3D IN SAME PLATFORM)(2L+18P=20)																
Introduction to REVIT ,Learning to use basic tools such as wall, roof floor ,staircases, dimensioning,plotting etc													CO-1 BTL-4			
MODULE 4:SOLID MODELING (TRANSFORMING SPACES)(0L+15P=15)																
Solid modeling: concepts behind solid modeling, composite solids creation and modification, solidsdisplay and inquiry. (Rhino and Grasshopper)													CO-1 BTL-4			
MODULE 5: RENDERING & PRESENTATION TECHNIQUES(0L+15P=15)																
Rendering and presentation. Printing and plotting.(V ray, In design, Illustrator, Lumion)													CO-1 BTL-4			
TEXT BOOKS																

Curriculum and Syllabus (B.Des Interior Design)

1.	Auto Desk, Revit 2017 for Architecture, Sybex, 2016 .
2	Auto Desk, 3D MAX comprehensive tutorial resources Wiley 2014.
3	Sketch up for interior Design . 3D visualising designing & space planning by Lidya Sloan, Wiley Publisher - 2014

COURSE TITLE	INTERIOR DESIGN STUDIO - I				CREDITS		6
COURSE CODE	BDA1119	COURSE CATEGORY	BS	L-T-P-S			0-0-12-2
Version	1.0	Approval Details		LEARNING LEVEL			BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, student will design a small interior space and explain their design using various softwares.
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Course Objective	<ol style="list-style-type: none"> 1. To understand the bio basics of 3D drawings with sketch up software. 2. To obtain the theory behind 3d modeling with wireframe structures. 3. To understand various commands in REVIT and create architectural drawings. 4. To obtain basic knowledge on the solid modeling techniques in the software. 5. To understand the rendering and presentation techniques for a drawing.
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Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize with bio basics of 3D drawings with sketch up software. 2. Familiarize with the theory behind 3d modeling with wireframe structures. 3. Explain the various commands in REVIT and create architectural drawings. 4. Familiarize with the solid modeling techniques in the software. 5. Familiarize with the rendering and presentation techniques for a drawing.
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	2	2	1	1	2	2	3	1	2	1	3	1	1	-	1

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CO-2	1	2	1	2	1	2	2	3	1	2	1	3	1	1	-	1
CO-3	2	2	2	1	1	2	2	3	1	2	-	3	1	1	-	1
CO-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

<p>The primary focus should be on</p> <ul style="list-style-type: none"> ▪ Anthropometry ▪ Design methodology ▪ Conceptual exploration and representation. ▪ Creativity ▪ Scale/proportion ▪ Documenting space ▪ Graphic design (page layout and composition) ▪ Concept sketching ▪ Application of design principles and elements ▪ Portfolio development <p>The list of suggested topics to be covered as design problems shall be a single space like: Single room residence, Doctor's clinic, kindergarten class room, Crèche, Architect's studio, Lawyer's office, small cafeteria, bank extension counter, florist shops, medical outlets, clothing store, shoe store, accessory store, book shop, waiting lounges for – hospitals, corporate, hotels, etc.</p> <p>Note: At least three major exercises and four minor design/time problems should be given. Internal marking shall be done in stages project wise:</p> <ul style="list-style-type: none"> ▪ Schematic layouts ▪ Final layout ▪ Sectional elevations ▪ Typical details ▪ Complete project with all details <p>3D drawings with colour rendering</p>	<p>CO-1 BTL-4</p>
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TEXT BOOKS

1.	Maureen Mitton, Interior Design Visual Presentation: A Guide to Graphics, Models, and Presentation Techniques. John Wiley and Sons, 2003
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REFERENCE BOOKS

1	Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.
2	Francis.D. Ching & Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004.
3	Robert Rengel, Shaping Interior Space, Fairchild Books & Visuals, 2002

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SEMESTER IV

COURSE TITLE	ADVANCED FURNITURE DESIGN							CREDITS			3					
COURSE CODE	IDB4216		COURSE CATEGORY			BS		L-T-P-S			3-0-0-0					
Version	1.0		Approval Details					LEARNING LEVEL			BTL-3					
ASSESSMENT SCHEME																
First Periodical Assessment	Second Periodical Assessment		Seminar/ Assignments/ Project			Surprise Test / Quiz		Attendance			ESE					
15%	15%		10%			5%		5%			50%					
Course Description	In this course, students will study about the storage system design and various materials and its manufacturing process.															
Course Objective	1. To understand the working of kitchen and storage access system. 2. To obtain the basics of storage system design. 3. To understand the importance of modular systems to achieve volume of work. 4. To obtain basic knowledge on the use of various materials and its manufacturing process. 5. To understand the theories of design by various designers.															
Course Outcome	Upon completion of this course, the students will be able to 1. Familiarize with the working of kitchen and storage access system. 2. Familiarize with the basics of storage system design. 3. Explain the importance of modular systems to achieve volume of work. 4. Familiarize with the use of various materials and its manufacturing process. 5. Familiarize with the theories of design by various designers.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	2	3	1	1	1	2	3	1	2	1	3	1	1	1	2
CO-2	-	-	3	2	2	1	2	3	1	2	1	2	1	1	3	2

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CO-3	-	-	3	2	2	1	2	3	1	2	1	2	3	2	1	2
CO-4	-	-	3	2	2	1	2	3	1	2	1	3	1	1	1	2
CO-5	-	-	3	2	2	1	2	3	1	2	2	1	1	3	2	2
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:STORAGE SYSTEM - KITCHEN													(1L+9P=10)			
Storage systems: Functional analysis of storage systems and thereby deriving types of cabinets needed for interior spaces – kitchen cabinets, wardrobes closets & respective hardware for modular kitchen. Assignment: Exercise to design kitchen cabinets for a given kitchen in details.													CO-1 BTL-4			
MODULE 2:STORAGE SYSTEMS – BOOK CASES & SHOWCASE (0L+15P=15)																
Storage systems : Functional analysis book cases, show cases, display systems, compactors, mechanical storage, etc. and respective hardware for these. Survey of several modular systems available for different functions in the market.													CO-1 BTL-4			
MODULE 3:MODULAR APPROACH TO FURNITURE DESIGN(2L+18P=20)																
Various materials, combination of materials, their hardware and applications. Assignments :Survey of several modular systems available for different functions in the market.													CO-1 BTL-4			
MODULE 4:DESIGN APPROACHES IN FURNITURE DESIGN(0L+15P=15)																
An introduction of various manufacturing processes most frequently adopted in furniture design such as Injection Molding, investment casting, sheet metal work, die casting, vacuum - forming etc. Assignments : Survey of different types of mould or casted furniture available for different functions in the market.													CO-1 BTL-4			
MODULE 5: FAMOUS DESIGNERS (0L+15P=15)																
Charles & Ray Eames, Eero Saarinen, Jean Prouve, Paul Mccobb, EttoreSottass, Knoll, Jens Risom etc.													CO-1 BTL-4			
TEXT BOOKS																
1.	Robbie. G. Blakemore, History of Interior Design and Furniture: From Ancient Egypt to Nineteenth-Century Europe, Wiley publishers, 2005.															
REFERENCE BOOKS																
1	Bradley Quinn, Mid-Century Modern: Interiors, Furniture, Design Details, Conran Octopus Interiors, 2006.															
2	Jim Postell, Furniture Design, Wiley publishers, 2007.															

COURSE TITLE	BASICS OF STRUCTURAL DESIGN				CREDITS		3
COURSE CODE	IDA4217	COURSE CATEGORY	BS	L-T-P-S			3-0-0-0

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Version	1.0	Approval Details					LEARNING LEVEL		BTL-3							
ASSESSMENT SCHEME																
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project				Surprise Test / Quiz	Attendance		ESE							
15%	15%	10%				5%	5%		50%							
Course Description	In this course, students will study about the elements used in the building construction, importance of load acting on the building, its impact and structural properties of materials used in the building.															
Course Objective	1. To understand various built elements used in the building construction. 2. To obtain the basics concept of structural systems in building and their importance in load transfer. 3. To understand the importance of loads acting on building. 4. To obtain basic knowledge on the behavior of buildings during the action of various loads acting on it. 5. To understand the structural properties of materials used in the building.															
Course Outcome	Upon completion of this course, the students will be able to 1. Familiarize with the various built elements used in the building construction. 2. Familiarize with the loads acting on building. 3. Explain the importance of modular systems to achieve volume of work. 4. Familiarize with the behavior of buildings during the action of various loads acting on it. 5. Familiarize with the structural properties of materials used in the building.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:BUILT ELEMENTS														(9L+0P=9)		

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Introduction to built elements – study of built elements in the interiors with respect to materials used. Basic construction methods and general specifications. General types and classification of different types of buildings: overview of different functional, structural and architectural elements.		CO-1 BTL-4
MODULE 2:STRUCTURAL SYSTEMS (9L+0P=9)		
Introduction to basic structural systems, elements of structure, their functions and behavior, beams, slabs, columns, walls, foundations, frame structures, composite structures, load bearing wall systems, trusses, rigid frames, linear and curved elements, : simply supported, cantilever and overhanging beams for various loads, : effect of simple geometric forms in the overall structural behavior. Construction of elements like lintels, sunshades, staircases, arches – parts, types, types of columns – RCC, fabricated, built-up brick column, floating column, etc.,		CO-1 BTL-4
MODULE 3:STRUCTURAL LOADS (9L+0P=9)		
Primary and secondary forces acting on the structures – gravitational force, live load, wind, temperature variation, distribution of loads through the elements of the structural system.		CO-1 BTL-4
MODULE 4:STRUCTURAL BEHAVIOUR (9L+0P=9)		
Characteristic requirements of a structural design – stress and strains, strength, stiffness and stability. Discussion on factors affecting them and the ways of satisfying these requirements. Study of behavior of structures through models and testing them for given loads.		CO-1 BTL-4
MODULE 5: STRUCTURAL PROPERTIES & ELEMENTS (9L+0P=9)		
Structural properties of basic materials like masonry, timber, concrete and steel etc. Light weight space structure, small and large scale surface structure, integrated display system and structural elements. Structural systems and their layout for a small building. Structural systems for elements of interior spaces – false ceilings, false flooring, suspended floors & ceilings, etc. Structural system for urban interior spaces – malls, fair grounds, exhibition spaces, etc. Awnings, space frames, etc Assignments: Sketches of various types of structures, trusses, arches, lintels, sections of chajjas, awnings, etc.,		CO-1 BTL-4
TEXT BOOKS		
1.	Rowland J. Mainstone : Development of Structural Form	
2	Rangwala : Engineering Materials	
3	S.P.Bindra, S.P.Arora, Building Construction	
4	B.C. Punmia : Strength of Materials vol - I	
REFERENCE BOOKS		
1	S.N. Sinha, “Reinforced Concrete Design”, Tata McGraw-Hill, New Delhi 2011.	
2	Dr.B.C.Punmia, Reinforced Concrete Structures, Laxmi publication, Delhi, 2004.	
3	P.Dayaratnam, “Design of Reinforced Concrete Structures”, Oxford and IBH Publishing Co., 2002.	

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE		INTERIOR SERVICES (INTERMEDIATE)				CREDITS			2							
COURSE CODE		IDA4218	COURSE CATEGORY		BS	L-T-P-S			2-0-0-0							
Version		1.0	Approval Details			LEARNING LEVEL			BTL-3							
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment	Seminar/ Assignments/ Project		Surprise Test / Quiz	Attendance			ESE							
15%		15%	10%		5%	5%			50%							
Course Description		In this course, students will study about the ventilation, air conditioning system, vertical transportation system, various safety and security system in multi storied buildings.														
Course Objective		1. To understand heating, ventilation and air conditioning systems. 2. To obtain the basics concept offire fighting systems and provision of fire systems in NBC 3. To understand the importance of vertical transportation systems in multi-storied buildings. 4. To obtain basic knowledge on the various safety and security systems. 5. To understand various building management systems.														
Course Outcome		Upon completion of this course, the students will be able to 1. Familiarize with the heating, ventilation and air conditioning systems. 2. Familiarize with various fire fighting systems and provision of fire systems in NBC. 3. Explain the importance of vertical transportation systems in multi-storied buildings. 4. Familiarize with the behavior various safety and security systems. 5. Familiarize with various building management systems.														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-2	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-3	1	2	2	-	1	3	2	3	1	2	-	3	1	1	-	1
CO-4	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-5	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1:HVAC (6L+0P=6)																

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Heating Ventilation & Air Conditioning (HVAC) systems: Air conditioning, Mechanical ventilation – mechanical inlet and extraction systems. Functions of air conditioning, Principles of AC, capacity of AC, Types of AC systems – window AC, split, duct, central AC and their details. Air distribution systems – ducts, air inlets.		CO-1 BTL-4
MODULE 2:FIRE SAFETY (6L+0P=6)		
Fire – causes and spread of fire. Design considerations for fire safety, Devices for firefighting – portable, built in wet riser system, sprinkler system, fire hydrant. Class of fire and occupancy, study of fire regulations as per NBC		CO-1 BTL-4
MODULE 3:VERTICAL TRANSPORT(6L+0P=6)		
Services for multi storied buildings - Vertical transportation systems – Introduction – lifts, escalators- Vertical & horizontal, definition, location, arrangement, structure, drives, traffic analysis, supervisory control, remote monitoring.		CO-1 BTL-4
MODULE 4:SAFETY AND SECURITY (6L+0P=6)		
Security and safety systems – introduction, designing a security system – burglar alarm, CCTV, central alarm systems, intrusion sensors and space sensors. Other services – cable TV, PABX, computer labs – Access flooring, server rooms.		CO-1 BTL-4
MODULE 5: BUILDING AUTOMATION AND ENERGY MANAGEMENT (6L+0P=6)		
Building automation and energy management – Introduction, History of development of BAS, typical BAS, criteria for choosing the right BAS, open system architecture. Information technology, communications & artificial intelligence in intelligent buildings. Design in computer age, engineering intelligence through nature.		CO-1 BTL-4
TEXT BOOKS		
1.	Rangwala, S.C. water supply and Sanitary Engineering : Environmental Engineering, 19th ed, Charotar pub house, Anand, 2004.	
2	Electrical wiring and contracting (vol. 1 to vol.4), London. The New era Publishing Company	
3	DrFrithAbnwos and others, Electrical Engineering hand book.	
REFERENCE BOOKS		
1	William . J. Guinness, Mechanical and Electrical Systems for Buildings, New York :McGraw Hill.	
2	Derek Clements-Croome, Derek J. Croome, Intelligent buildings: Design, Management and Operation, Thomas Telford Books, London, 2004.	
3	Albert Ting-pat So, WaiLok Chan, Intelligent Building Systems, Kluwer Academic Publishers, 2009.	

COURSE TITLE	BASICS OF MATERIALS AND METHODS OF CONSTRUCTION			CREDITS		3
COURSE CODE	IDA4226	COURSE CATEGORY	BS	L-T-P-S		1-0-4-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						

Curriculum and Syllabus (B.Des Interior Design)

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will study how to do a detailed plan, section, elevation and isometrics of furniture, cabinets and interiors.					
Course Objective	1. To understand technical drawing of furniture. 2. To obtain the basics knowledge to do a technical drawing of kitchen related elements and storages. 3. To obtain the basics knowledge to do a technical drawing of office related interiors & furniture. 4. To obtain the basics knowledge to do a technical drawing of Institutional related interiors & furniture 5. To understand various finishes and materials for the design based on their technical attributes.					
Course Outcome	Upon completion of this course, the students will be able to 1. Familiarize with technical drawing of furniture. 2. Familiarize with the technical drawing of kitchen related elements and storages. 3. Familiarize with the technical drawing of office related interiors & furniture. 4. Familiarize with the technical drawing of Institutional related interiors & Furniture. 5. Familiarize with desired finishes and materials for the design based on their technical attributes.					

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:LIVING AND BEDROOM

(10L+5P=15)

Detailed plan, sections, elevations and isometrics of the standard residential furniture like: Sofas – double, single seat Tables – peg, nested, dining, etc
Chairs –study, dining, sofa chairs, etc Beds with side tables – TW frame, box frame, with storage, etc

**CO-1
BTL-4**

MODULE 2:STORAGE & KITCHEN

(10L+5P=15)

Curriculum and Syllabus (B.Des Interior Design)

Storage & display units : dressing table units, showcase, china cabinets, home bar, entertainment units, book case, tall boy units, chest of drawers, etc Bar counter with bar stool Detailed plan, sections, elevations with one point perspectives of kitchen with details of each units, etc Suggested Reading: Chris Grimley :The Interior Design Reference & Specification		CO-1 BTL-4
MODULE 3:OFFICE SPACES (10L+5P=15)		
Detailed plan, sections, elevations and isometric views of office furniture – hierarchy of work stations, tables, return units, filing units, Reception table, etc		CO-1 BTL-4
MODULE 4:INSTITUTIONAL SPACE (10L+5P=15)		
Detailed plan, sections, elevations and isometric views of furniture of Institutional spaces, Retail spaces & hospitality spaces – bank counters, reception counters/ tables, restaurant service counters, storage & display, awnings, etc		CO-1 BTL-4
MODULE 5: FINISHES & STAIRCASES (10L+5P=15)		
Wall finishes, wall plastering, chamfered corners, dado, wall cladding, fixing of doors & windows, etc Details of floor finishes : tiling/ stone flooring, wooden flooring, access flooring Plans, sections & elevations of staircases : Types of staircase, different materials – RCC, wood, steel staircase, etc Suggested Reading: ROSEMARY Kilmer :Construction Drawings and Details for Interior		CO-1 BTL-4
TEXT BOOKS		
1.	Professional Speaking Skills by ArunaKoneru, Oxford University Press, 2017	
2	Krishna Mohan &MeeraBanerji: Developing Communication Skills Macmillan India ,2 nd edition,2009	
3	K. Ashwathappa: Organizational Behavior, Himalaya Publishing House	
REFERENCE BOOKS		
1	Daniel Colman: Emotional Intelligence, Bloomsburry publication India,2010	

COURSE TITLE	INTERIOR DESIGN STUDIO - II			CREDITS		6
COURSE CODE	IDB4241	COURSE CATEGORY	BS	L-T-P-S		0-0-12-2
Version	1.0	Approval Details		LEARNING LEVEL		BTL-6
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Curriculum and Syllabus (B.Des Interior Design)

Course Description	In this course, students will design an interior space using tools and softwares.
Course Objective	<ol style="list-style-type: none"> 1. To understand spaces in urban context and be able to create concepts that will enhance the knowledge towards modernity. 2. To understand spatial design with respect to different eras.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize with spaces in urban context and be able to create concepts that will enhance the knowledge towards modernity. 2. Familiarize and explore and create spatial design with respect to different eras. 3. Explain the various commands in REVIT and create architectural drawings. 4. Familiarize with the solid modeling techniques in the software. 5. Familiarize with the rendering and presentation techniques for a drawing.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	2	2	1	1	2	2	3	1	2	1	3	1	1	-	1
CO-2	1	2	1	2	1	2	2	3	1	2	1	3	1	1	-	1
CO-3	2	2	2	1	1	2	2	3	1	2	-	3	1	1	-	1
CO-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

<p>The primary focus should be on –</p> <ol style="list-style-type: none"> i. Documenting space (sketch and photo documentation) ii. Space planning process (block diagram, concept statement) iii. Concept sketching iv. Application of design principles and elements v. Creativity/originality vi. Design Process/methodology vii. Structural integration viii. Style ix. Colour Rendering x. Anthropometry and ergonomics xi. Furniture Design xii. Material selection xiii. Graphic design (page layout and composition) 	CO-1 BTL-6
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Curriculum and Syllabus (B.Des Interior Design)

<p>xiv. Portfolio development</p> <p>Design portfolio to include designs in response to today's situation of urban society, i.e., contemporary spaces required in modern society – needs, realities, value system etc.. The spaces to be considered shall be: home, office, bank, school, college, public level spaces - restaurant, lounge (hotel),etc.</p> <p>The list of suggested topics to be covered as design problems:</p> <ul style="list-style-type: none"> • Thematic space making with Art and craft forms of our own culture in India – East, West, North, Central and so on and • Design of built units of various geographical locations and culture by involving historical periods, styles and use of craft in its inherent quality and form - integrating craft and living environment. <p>Note: At least two major exercises and three minor time problems should be given. Internal marking shall be done in stages and project wise:</p> <ul style="list-style-type: none"> ▪ Schematic layouts ▪ Final layout ▪ Sectional elevations ▪ Designs & details 	
TEXT BOOKS	
1.	Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.
2	Francis.D. Ching& Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004.
3	Maureen Mitton, Interior Design Visual Presentation: A Guide to Graphics, Models, and Presentation Techniques. John Wiley and Sons, 2003
4	Robin D. Jones, Interiors of Empire: Objects, Space and Identity within the Indian Subcontinent, Manchester University Press; illustrated edition, 2008
REFERENCE BOOKS	
1	Neufert Ernest, Architect's Data, Granada pub. Ltd. London, 2000.
2	John F. Pile, A history of interior design, Laurence King Publishing, 2005.
3	Robert Rengel, Shaping Interior Space, Fairchild Books & Visuals ,2002

COURSE TITLE	WORKSHOP			CREDITS		2
COURSE CODE	IDB4242	COURSE CATEGORY	BS	L-T-P-S		0-0-4-2
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Curriculum and Syllabus (B.Des Interior Design)

Course Description	In this course, students will learn how to design of a furniture piece to specific interiors and prevailing trends of proper scale and measurements, using different materials.
Course Objective	<ol style="list-style-type: none"> 1. To understand a space with respect to human body dimensions, recognizing the functional aspect and imparting them in designing a furniture. 2. To obtain the basics concept of the machine process for construction of furniture and designed objects and evaluating the material manipulation used for making interior products and designed objects. 3. To understand competency towards innovative design parameters, prevailing trends, and material manipulation in manufacturing interior products and life style accessories. 4. To obtain basic knowledge on the different furniture types, of varying scales. 5. To understand detail working drawing for construction of the furniture, materials and finishes .
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize a space with respect to human body dimensions, recognizing the functional aspect and imparting them in designing a furniture. 2. Familiarize with the machine process for construction of furniture and designed objects and evaluating the material manipulation used for making interior products and designed objects. 3. Explain the competency towards innovative design parameters, prevailing trends, and material manipulation in manufacturing interior products and life style accessories. 4. Familiarize and produce a model of interior space that demonstrates different furniture types, of varying scales. 5. Familiarize and design furniture design with detail working drawing for construction of the furniture, describe the materials and finishes and execute a prototype of the same, documenting the complete process..

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-2	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-3	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-4	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1
CO-5	3	1	2	-	3	1	1	3	1	1	-	3	2	2	-	1

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1:ANTHROPOMETRY & ERGONOMICS

(0L+15P=15)

Use of anthropometry, ergonomics, and handling of space and application of knowledge gained from other subjects, and design a piece of furniture.	CO-1 BTL-4
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Curriculum and Syllabus (B.Des Interior Design)

MODULE 2:DESIGN STRATEGY		(0L+15P=15)
Design approach with limited constraints inherent in furniture design. Evolving the strategy of design with integration of technical complexities and lifestyle influences. Development of the design of a furniture piece to specific interiors and prevailing trends. Broad based approach towards innovative design and application to multi products and multi materials in manufacturing interior products and lifestyle accessories.		CO-1 BTL-4
MODULE 3:SCALES		(0L+15P=15)
Making of the furniture in various scales – a scaled model, template.		CO-1 BTL-4
MODULE 4:PROTOTYPE MAKING		(0L+15P=15)
Assignment: Individual assignment: To design & execute a piece of furniture with wood or metal or combination of materials. Drawings, details, templates and prototype of the same piece of furniture with detailed study and documentation is required for submission to the jury along with a report		CO-1 BTL-4
TEXT BOOKS		
1.	Laura Slack, What is product Design? Roto Vision publishers, 2006	
2	Treena Crochet and David Vleck, Designer’s Guide to Decorative Accessories, Prentice Hall, 1st edition, 2008.	
3	Michael Ashby, Kara Johnson, Materials and Design: The Art and Science of material selection in product design, Butter Worth Heinemann, 1st edition, 2002.	
REFERENCE BOOKS		
1	T. Ulrich, Steven D. Eppinger, Product Design and Development, McGraw-Hill Education Singapore; 4th edition, 2007	
2	William Lidwell, Kritina Holden, Jill Butler ,Universal principles of Design, Rockport	

SEMESTER V

COURSE TITLE	LIGHTING AND ACOUSTICS IN INTERIORS				CREDITS		3
COURSE CODE	IDB4301	COURSE CATEGORY	PE	L-T-P-S		3- 0- 0- 0	
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3	

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, the students will learn about the various types of lights available in designing the Interior spaces and the different types of materials used for acoustics with their application in the residential, commercial, and Office Interiors.
Course Objective	<ol style="list-style-type: none"> 1. To ensure that the students learn about the importance of day lighting in interiors, their effect on end-users 2. To familiarize students with different types of artificial lights available in the market which will be apt in their design 3. To familiarize with the type of fixtures and its positions in plan 4. To ensure that the students study about the different types of sound insulating materials and their methods of insulation
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. Illustrate the qualities of natural light 2. Identify the roles of lighting system in artificial lighting 3. Prepare lighting layouts , specify light , different type of applications 4. Identify the qualities of sound and its behavior in different context 5. Illustrate the quality of sound insulation materials and their application in interiors.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – INTRODUCTION TO LIGHTING (9L+0P=9)

Curriculum and Syllabus (B.Des Interior Design)

Introduction - Light - Electromagnetic radiation, Visual task requirements, Units of Light, Light, Vision and Buildings, Standards of Lighting and Visual comfort. The sky as a source of light, Daylight factor, Lighting - Windows, Room proportions and other building elements, Daylight penetration, Calculation of daylight factor.		CO-1 BTL-3
MODULE 2 :ARTIFICIAL LIGHTING(9L+0P=9)		
General lighting system - Direct light - Indirect light - defused light - Types of fittings - Down - lighters - wall washers - up - lighter Task lighting – Accent lighting - terminology like Lax , Lumens - illuminations required in Various areas - Variety of Lamps - Incandescent lamps - Tungsten Halogen lamps - Fluorescent lamps - Mercury lamps - sodium vapor lamps - Emergency lighting - Lighting Accessories - Protection devices-etc..		CO-2 BTL-3
MODULE 3 :LIGHTING PLANNING(9L+0P=9)		
Artificial lighting and different types of Planning for lighting: - Position of lighting points – strength of light – type of light –type of light& its cover Type of fixtures, Elements of fixtures etc...Different type of lighting system in residential , commercial and office interiors planning and design.		CO-3 BTL-3
MODULE 4 :ACOUSTICS		(9L+0P=9)
Sound, Nature of sound. Behavior of sound in enclosed spaces. Concept of Geometric Acoustics. Reflection of sound and their applications. Absorption of sound. Sound absorption coefficient. Reverberation & Reverberation Time Calculation.		CO-4 BTL-3
MODULE 5: SOUND INSULATING MATERIALS(9L+0P=9)		
Sound absorbing materials - Porous materials, Panel / Membrane absorbers & Cavity / Helmholtz Resonators. Absorption coefficients of indigenous acoustical materials. Space / Functional absorbers. Mounting conditions and its impact on sound absorption. Materials used for sound insulation, Different methods of reduction & insulation of unwanted sound, etc. Design Principles of Auditorium ,Electro- Acoustics & Open-Air Auditorium, Air& Structure Borne Sound Propagation Environmental Acoustics		CO-5 BTL-3
TEXT BOOKS		
1	Benjamin Evans, "Daylight in Architecture", McGraw-Hill Book Company, Newyork,	
2	Pritchard, D.C., "Lighting", Longman Scientific & Technical, Harlow.	
3	Medan Mehta.James Johnson, Jorge Rocafort, “Architectural Acoustics: Principles and Design”, Prentice-Hall, New York,1998.	
REFERENCE BOOKS		
1	William J. Cavanaugh, Gregory C. Tocci, Joseph A. Wilkes, Architectural Acoustics: Principles and Practice, 2nd Edition, Wiley, New York,2009.	
2	Marshall Long, “Architectural Acoustics”, Second Edition, Academic Press, Waltham, USA,2014	
MOOC		

Curriculum and Syllabus (B.Des Interior Design)

1	https://www.mooc-list.com/tags/light
2	https://www.mooc-list.com/tags/acoustics

COURSE TITLE	ADVANCED STRUCTURAL DESIGN				CREDITS		3
COURSE CODE	IDB4302	COURSE CATEGORY	PE	L-T-P-S			3- 0- 0- 0
Version	1.0	Approval Details		LEARNING LEVEL			BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course students will learn about the effect of calamities on the built structures and the functions of different pre-fabricated structures in the field of construction.
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Course Objective	<ol style="list-style-type: none"> To familiarize students with the effect of seismic forces on the building structure To familiarize students with effect of wind load on the building structure To ensure that the students learn about the different principles of pre-stressing To familiarize the students by introducing them to different prefabricated structures and components.
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Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> Develop knowledge on Earthquake forces on structures and building behavior under earthquake loading Develop knowledge on Wind load and their action on high-rise structures. Import knowledge on pre-stressing and post tensioning members and their behavior under various loading. Understand the different materials and their importance in prefabrication process. Understand the different methods of prefabrication used for different components.
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-2	3	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
CO-3	1	2	2	-	1	3	2	3	1	2	-	3	1	1	-	1
CO-4	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1

Curriculum and Syllabus (B.Des Interior Design)

CO-5	1	2	2	-	1	2	2	3	1	2	-	3	1	1	-	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – Seismic forces on structures (9L+0P=9)																
Causes of Earthquake -Geological faults -Tectonic plate theory -Elastic rebound – Epicenter - Hypocenter -Primary, shear and Raleigh waves -Seismogram - Magnitude and intensity of earthquakes -Magnitude and Intensity scales - Spectral Acceleration -Ductile details for RCC members													CO-1 BTL-3			
MODULE 2 :Wind load on structures(9L+0P=9)																
Terminology -Wind Data -Gust factor and its determination -Wind speed variation with height -Shape factor -Aspect ratio -Drag and lift													CO-2 BTL-3			
MODULE 3 :PRINCIPLES OF PRESTRESSING(9L+0P=9)																
Materials for pre-stressed concrete -Different methods and systems - introduction to pre-stressing and post tensioning-Uniform and non-uniform pre-stressing -Losses in pre-stress													CO-3 BTL-3			
MODULE 4 :Introduction to Prefabricated Structures(9L+0P=9)																
Need for prefabrication -Principles -Materials -Modular coordination - Standardization -Systems -Production -Transportation -Erection.													CO-4 BTL-3			
MODULE 5: Pre-fabricated components (9L+0P=9)																
Behavior of structural components -Large panel constructions -Construction of roof and floor slabs -Wall panels -Columns -Shear walls													CO-5 BTL-3			
REFERENCE BOOKS																
1	WaiKwongLau , "Building Construction with Precast Concrete Structural Elements", LAP Lambert Academic Publishing, 2010															
2	Krishna Raju N., Prestressed concrete, Tata McGraw Hill Company, New Delhi 2012															
3	S.R.Damodarasamy, S.Kavitha "Basics of Structural dynamics and Aseismic Design", PHI Learning Private Limited., 2009.															
4	Ted Stathopoulos &Charalambos C. Baniotopoulos, Wind Effects on Buildings and Design of Wind-Sensitive Structures, Springer, 2007															
MOOC																
1	https://freevideolectures.com/course/94/prestressed-concrete-structures															
2	https://www.learnbuildingscience.com/courses/prefabricated-construction															

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE		SUSTAINABLE DESIGN						CREDITS			3					
COURSE CODE		IDB4303		COURSE CATEGORY			PE		L-T-P-S			3- 0- 0- 0				
Version		1.0		Approval Details					LEARNING LEVEL			BTL-3				
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project			Surprise Test / Quiz		Attendance			ESE				
15%		15%		10%			5%		5%			50%				
Course Description		In this course, students will learn about the Importance of growing with the nature and recognizing the concept of sustainable design which will benefit in improving the quality of life. So the different parameters and scales related to green interiors are given Importance.														
Course Objective		1. To ensure that the students learn about the introduction to the concept of sustainability 2. To familiarize students with the concepts and calculations of Green Interiors 3. To ensure that the students learn about the different principles of sustainable design 4. To familiarize students with the benefits of using green material finishes 5. To ensure that the students learn about the Indoor air quality and rating system.														
Course Outcome		Upon completion of this course, the students will be able to - 1. Illustrate the impact of buildings on environment Identify the roles of lighting system in artificial lighting 2. Identify the role of human capital and interiors in indoor environment. 3. Understand the use of principles of sustainable design in interiors using real time applications 4. Explore the energy conservation techniques in interiors and to understand the benefits of green interiors 5. To know the various methods used to enhance the indoor quality of interiors.														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-2	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-3	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-4	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1
CO-5	1	1	1	-	2	2	1	2	3	1	3	-	1	-	3	1

Curriculum and Syllabus (B.Des Interior Design)

1: Weakly related, 2: Moderately related and 3: Strongly related	
MODULE 1 – INTRODUCTION (9L+0P=9)	
Concept of Sustainability, growing recognition for sustainable design ,efficient use of natural resources ,Environment and Energy cost , role of human capital , buildings impact on people and environment ,Green interiors and materials , Interiors impact on inhabitants and occupants in interior	CO-1 BTL-3
MODULE 2 :SUSTAINABLE INTERIORS(9L+0P=9)	
Importance of Sustainability in Interior Design- Evaluation of materials – embodied energy of interior material – its concepts and calculation – Choice of selection of materials and application in interiors – Design process and case studies with material board .	CO-2 BTL-3
MODULE – 3 PRINCIPLES OF SUSTAINABLE DESIGN(9L+0P=9)	
Origins of sustainable development – Principles – Understanding place - connecting with nature – Understanding natural process – Understanding environmental impact - Embracing co-creative design process – Understanding Case studies relating to the above.	CO-3 BTL-3
MODULE 4 :GREEN INTERIORS (9L+0P=9)	
Introduction to Green Interior – Energy conservation material for building – Grass wall (vertical gardens)- Grass roofing – Benefits of green interiors — Characteristics - Indoor landscape – Bio pools – Anthropometrics – use of Colour- Wall linings – Floor finishes – Ceiling finishes – Furniture and Accessories – Lighting	CO-4 BTL-3
MODULE 5: INDOOR ENVIRONMENTAL QUALITY(9L+0P=9)	
Rating systems in India – Indoor air quality – Visual quality – Acoustic quality – Noise control – Control of systems – Thermal absorption – Green prefab walls – Roof treatment- people Water efficiency – waste efficiency – Environmental Quality enhancement – services(Green toilet & Green Kitchen)	CO-5 BTL-3
REFERENCE BOOKS	
1	Sustainability in Interior Design by Sian Moxon , Lawrence King Publishing , 2012
2	Sustainable Design for Interior Environments, second Edition, Susan M.Winchip, 2007
3	The sustainable design book by Rebecca proctor, Lawrence King Publishing 2015
MOOC	
1	https://www.mooc-list.com/tags/sustainable-design
2	https://www.mooc-list.com/tags/green-building

COURSE TITLE	ADVANCED INTERIOR SERVICES			CREDITS		3
COURSE CODE	IDB4304	COURSE CATEGORY	PE	L-T-P-S		3- 0- 0- 0

Curriculum and Syllabus (B.Des Interior Design)

Version	1.0	Approval Details					LEARNING LEVEL		BTL-3							
ASSESSMENT SCHEME																
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project				Surprise Test / Quiz	Attendance		ESE							
15%	15%	10%				5%	5%		50%							
Course Description	In this course students will learn about the services in High rise residential, commercial and civic buildings. The services used for building a swimming pool and the site services are also explained in this course.															
Course Objective	<ol style="list-style-type: none">1. To ensure that the students learn about the basics of the services needed in a high-rise apartment2. To familiarize students with the extra services needed in a commercial building from that of a residential building.3. To ensure that the students learn about the services in a Civic Building4. To familiarize students with the different types of services needed in the construction of a swimming pool5. To ensure that the students learn about the services related to building construction site.															
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none">1. To understand about services in residential high-rise building and complexes.2. To explain about services in commercial high-rise building.3. To understand functioning of service in civic building types like shopping malls, theatres, auditoriums etc.4. To explore the functioning of service aspects of swimming pools and its influence on design5. To understand about services in site planning , drainage etc.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – INTRODUCTION (9L+0P=9)																

Curriculum and Syllabus (B.Des Interior Design)

Introduction to services in High rise building, residential high rise and services, Amenities lighting and natural ventilation services , electrical and allied installations, mechanical ventilation, acoustics, sound insulation and noise control, installation of lifts, water supply, gas supply , Fire safety		CO-1 BTL-3
MODULE 2 :COMMERCIAL BUILDING(9L+0P=9)		
High rise office building, services, basement parking, ramps, lighting and natural ventilation, electrical and allied installations, air conditioning, mechanical ventilation, acoustics, sound insulation and noise control, water supply and sewage treatment , Storm water and Rainwater collection , Water recycling		CO-2 BTL-3
MODULE – 3 CIVIC BUILDING(9L+0P=9)		
Shopping mall theatres, auditoriums, sports halls, lighting and natural ventilation, electrical and allied installations, mechanical ventilation, acoustics, sound insulation and noise control, installation of lifts, water supply, Fire safety and access controls		CO-3 BTL-3
MODULE 4 :SWIMMING POOLS(9L+0P=9)		
Types of swimming pool, turnover rate, swimming pool user load, dimensions and sizes, design of swimming pool, material, floor slopes, transition point, water depth, walkway and deck areas, starting platforms, electrical installations, ventilation, shower and bathroom, water treatment system.		CO-4 BTL-3
MODULE 5: SITE SERVICES(9L+0P=9)		
Service detailing for Artificial water bodies, drainage, storm water pond, rain water collection, landscape site planning, landscape open spaces, children play areas, storm water drainage, sewage disposal system, Rain water harvesting :- Rainwater harvesting techniques, methods of recharging ground water, construction details		CO-5 BTL-3
TEXT BOOKS		
1	S.K Garg Water Supply Engineering, Environmental Engineering (Volume 1).	
2	Dr. B.C Punmia Building Construction.	
3	Duggal, K. N., Elements of Environmental Engineering, S Chand and Co. Ltd., New Delhi,2008.	
REFERENCE BOOKS		
1	Wise, A.F.E. and Swaffield, J.A., “Water Sanitary Services for Buildings”, Longman Scientific and Technical, Harlow.	
2	Greeno, Roger, “Building Services Technology and Design”, Longman Scientific and Technical, Harlow.	
MOOC		
1	https://www.mooc-list.com/tags/water-supply	
2	https://www.mooc-list.com/tags/sanitation-policy	

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE		ADVANCE MATERIALS AND METHOD OF CONSTRUCTION								CREDITS			3			
COURSE CODE		IDB4311		COURSE CATEGORY				PE		L-T-P-S			3- 0- 0- 0			
Version		1.0		Approval Details						LEARNING LEVEL			BTL-3			
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project				Surprise Test / Quiz		Attendance			ESE			
15%		15%		10%				5%		5%			50%			
Course Description		In this course students will learn about a few types of materials largely used in the sector of construction and their usage as façade, false ceiling, Joining systems, etc.														
Course Objective		<ol style="list-style-type: none"> 1. To ensure that the students learn about the types and properties of steel 2. To familiarize students with the functions of steel in Indoor and Outdoor accessories 3. To ensure that the students learn about the types and properties of Aluminum 4. To familiarize students with the functions of aluminum as Indoor accessory 5. To ensure that the students learn about the materials used in False Ceiling with their Case Study 														
Course Outcome		<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. To understand the different types and forms of steel available in the market. 2. To apply the use of different types in building interiors in various application. 3. To develop the plan section and elevation of aluminum frames. 4. To understand the fixing details of cladding. 5. Understand the different methods of fixture and materials used in false ceiling and flooring. 														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-2	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-3	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-4	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
CO-5	2	-	1	-	2	1	1	1	1	-	-	1	3	-	-	-
1: Weakly related, 2: Moderately related and 3: Strongly related																

Curriculum and Syllabus (B.Des Interior Design)

MODULE 1 – STEEL (9L+0P=9)	
Steel-Types, properties and uses, various application of steel including stainless steel, Steel windows, metal flooring, Mezzanine floor construction , supports , joists , flooring , steel staircase , Sheet metal roofing ,with truss ,joist , purlin Case study- Industrial sheds with steel structure sheet metal wall and roofing .	CO-1 BTL-4
MODULE 2 :METAL (9L+0P=9)	
Gates-Hinged Gates , Rolling and Sliding gates ,Collapsible Gates, Lift Doors , Rolling shutters, Balcony Railings , Staircase railings, Balustrades, Stainless steel with wood gates, Stainless steel with glass balcony railings , Stainless steel staircase handrails and balusters – indoor and outdoor accessories.	CO-2 BTL-4
MODULE – 3 ALUMINUM (9L+0P=9)	
Aluminum – Properties and uses, various applications in interiors, finishes in aluminum, Doors-open able and sliding, Windows- openable, fixed and sliding, Office Partitions-full height partition and modular partition. Case study-Different shapes in aluminum frames and fixtures	CO-3 BTL-4
MODULE 4 :CLADDING (9L+0P=9)	
Aluminum as Façade Cladding material, Fixing of cladding to exteriors –Curtain wall –Different f fixing methods, Joining systems –Glazing extrusions - insulations, Aluminum composite panel -interior & exterior, commercial applications in interior wall cladding, Shop fronts, Advertisement panels and accessories.	CO-4 BTL-4
MODULE 5: FALSE CEILING(9L+0P=9)	
False ceiling –with various materials such as , Plaster of Paris in residential, Gypsum board , Aluminium ,Wood in office and commercial establishments ,Acoustic Ceiling , Thermal insulation , Under deck insulation - Insulated Ceilings in factories and Fuel outlets - case study .	CO-5 BTL-4
REFERENCE BOOKS	
1	W.B.Mckay, “Building Construction”, Vol. 1, 2,3- Longmans U.K 2010.
2	.B.C.Punmia, “Building Construction”, Laxmi Publications Pvt. Ltd., New Delhi, 2005.
3	Harold B. Olin, Construction Principles Materials and Methods, The Institute of Financial Education, Chicago, 2006.
4	S.C.Rangwala , “Engineering Materials”, Charotar Publishing House, India, 2007.
MOOC	
1	https://www.classcentral.com/course/swayam-principles-of-casting-technology-7899
2	https://www.classcentral.com/course/edx-introduction-to-steel-3398

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE	INTERIOR DESIGN STUDIO - III							CREDITS			6					
COURSE CODE	IDB4331		COURSE CATEGORY			PC		L-T-P-S			0-0-12-2					
Version	1.0		Approval Details					LEARNING LEVEL			BTL-6					
ASSESSMENT SCHEME																
CIA I	CIA II		CIA III			Summative Assessment					ESE					
15%	15%		15%			15%					40%					
Course Description	In this course, students will learn about the concepts of Commercial space, their working, functionality and context.															
Course Objective	<div>1. To ensure that the students learn about the different design solutions by sketching iteration in the schematic drawings</div> <div>2. To familiarize students with the materials and the right innovative solution according to the context.</div>															
Course Outcome	<div>Upon completion of this course, the students will be able to -</div> <div>1. To understand projects of commercial value with a theme</div> <div>2. To explore and create spatial design with respect to different genres</div>															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	3	3	3	3	2	2	2	1	3	3	3	1	3	3	2
1: Weakly related, 2: Moderately related and 3: Strongly related																
Design projects to highlight the theme of a commercial space in terms of showroom, Restaurant , Working space and draw out different design solutions highlighting the specialties. Students should be able to work out a Theme, and design solution to represent the theme in different context and material, design language and innovative solutions. Note: One major exercise and two minor time problems should be given.																
CO-1 BTL-6																

Curriculum and Syllabus (B.Des Interior Design)

Internal marking shall be done in stages and project wise: Schematic layouts Final layout Sectional elevations Designs & details	
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SEMESTER – VI

COURSE TITLE	PROFESSIONAL PRACTICE			CREDITS		3
COURSE CODE	IDB4316	COURSE CATEGORY	PE	L-T-P-S		3- 0- 0- 0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						

Curriculum and Syllabus (B.Des Interior Design)

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE										
15%	15%	10%	5%	5%		50%										
Course Description	In this course, students will learn about the professional side of Interior Design, which includes the ethics of practicing from the stage of tender to the certification.															
Course Objective	1. To ensure that the students learn about working as a team in an Office set up 2. To familiarize students with the ethics and issues in professional practice. 3. To acknowledge the students about the process of tender 4. To ensure that the students learn about the specifications and its classifications 5. To familiarize students with estimates of commercial design															
Course Outcome	Upon completion of this course, the students will be able to - 1. To understand about entrepreneurship and projects 2. To understand issues in professional practice 3. To explain about tender and its applications 4. To explore materials and its application in interiors 5. To explain about volumetric estimation in interiors.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-2	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-3	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-4	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-5	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – BUSINESS (9L+0P=9)																
Setting up an individual business, Hiring , Project scheduling , Work delegation , organization Project Budgeting, Stakeholder management , Risk management , Execution and implementation													CO-1 BTL-3			
MODULE 2 : PRACTICE (9L+0P=9)																
Professional Correspondence in practice, issues of professional practice, Professional behavior , Ethics and code of conduct , Different styles of Interior practice, Types of fees and process													CO-2 BTL-3			

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MODULE – 3 TENDER		(9L+0P=9)
Tender , Tender documents and contract and supervision preparation of tender for large interior projects		CO-3 BTL-3
MODULE 4 : SPECIFICATION		(9L+0P=9)
Material specification and quality control, Principles of specifications, classification of specifications, specifications writing.		CO-4 BTL-3
MODULE 5: CERTIFICATION		(9L+0P=9)
Measurements , Billing and Payment Certification, Volumetric estimate of interiors for commercial design		CO-5 BTL-3
REFERENCE BOOKS		
1	Ted Crawford, AIGA Professional Practices in Graphic Design, Allworth Press, 2008	
2	Shan Preddy, How to Run a Successful Design Business: The New Professional Practice, Gower Publishing, Ltd., 2011	
3	Best, K. (2006). Design management: managing design strategy, process and implementation	
4	Cooper, R., Junginger, S., & Lockwood, T. (Eds.). (2013). The handbook of design management	

COURSE TITLE	HISTORY OF MODERN MOVEMENT			CREDITS		2
COURSE CODE	IDB4317	COURSE CATEGORY	PE	L-T-P-S		2- 0- 0- 0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about the History and Evolution of Interior types from the time of Industrialization to the current times.					

Curriculum and Syllabus (B.Des Interior Design)

Course Objective	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. To ensure that the students learn about the Interior design pattern of the Early Industrial era 2. To familiarize students with Bauhaus and post modern era of works 3. To acknowledge the students about modern Interiors with the help of Artists like Walter Gropius 4. To ensure that the students learn about the International style of Artists like Philip Johnson, Ray Eames, etc. 5. To familiarize students with the concept of minimalistic Interiors.
Course Outcome	<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 6. To understand the modern theory of interior design 7. To explain difference in modernism and post war modernism 8. To understand the structure of international style. 9. To explain the postmodern style of interiors 10. To explore contemporary design aspects in interiors.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PSO -1	PSO- 2	PSO -3	PSO -4	PSO -5
CO-1	1	1	3	1	3	2	1	1	1	1	2	1	1	1	1	3
CO-2	1	1	3	1	3	2	1	1	1	1	2	1	1	1	1	3
CO-3	1	1	3	1	3	2	1	1	1	1	2	1	1	1	1	3
CO-4	1	1	3	1	3	2	1	1	1	1	2	1	1	1	1	3
CO-5	1	1	3	1	3	2	1	1	1	1	2	1	1	1	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1													(6L+0P=6)			
Industrial Design Art nouveau, the post Industrial era works of Charles Renée Mackintosh, Antonio Gaudi, Gerrit Rietveld and their expressionist interior design.													CO-1 BTL-3			
MODULE 2													(6L+0P=6)			
Bauhaus and post war modernists, Walter Gropius/ Bauhaus, De Stijl, Mies Van Der Rohe, Art Deco, Postwar Modernism.													CO-2 BTL-3			
MODULE 3													(6L+0P=6)			
Modernism Interiors of Le Corbusier, Frank Llyod Wright, Louis Khan, KenzoTange and Oscar Niemeyer													CO-3 BTL-3			

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MODULE 4		(6L+0P=6)
International style - The works of Alvar Alto, Phillip Johnson, Charles and Ray Eames , Eero Saarinen, Eero Arnio, Arne Jacobsen		CO-4 BTL-3
MODULE 5		(6L+0P=6)
Post modernism and minimalism interiors of Zaha Hadid, Santiago Calatrava, Frank Gehry and Peter Eisenmann.		CO-5 BTL-3
REFERENCE BOOKS		
1	Interior Design, Francis D.K. Ching, John Wiley & Sons, New York	
2	Interior Design & Decoration, SherrilWhiton, Prentice Hall	
3	Interior Design Course, Mary GilliatCoyran, Octopus Ltd., London	
4	Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York	

COURSE TITLE	INTERIOR CONSTRUCTION AND DRAWING			CREDITS		3
COURSE CODE	IDB4317	COURSE CATEGORY	PE	L-T-P-S		3- 0- 0- 0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about the drafting of working drawing for different kinds of furniture and Interior Detailing. They also learn about measure drawing which will be helpful in their design works.					
Course Objective	<ol style="list-style-type: none"> To ensure that the students know about the kinds of Industrial timber available for construction To familiarize students with the various catalogues and preferences available while designing modular kitchen To ensure that the students know to study a working drawing To ensure that the students learn about the detailed construction drawing with their finishes To ensure that the students learn about the various working drawings for the electrical layout and the flooring patterns. 					

Curriculum and Syllabus (B.Des Interior Design)

Course Outcome	Upon completion of this course, the students will be able to -															
	1. To understand working drawings															
	2. To explain the co relations and cross referencing in drawings															
	3. To understand elevations , Sections in drawings															
	4. To evaluate technical projections and isometric detailing															
5. To understand detailing of material and representation in drawings																
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	3	3	2	2	1	1	1	1	1	1	3	1	1	1
CO-2	1	1	3	3	2	2	1	1	1	1	1	1	3	1	1	1
CO-3	1	1	3	3	2	2	1	1	1	1	1	1	3	1	1	1
CO-4	1	1	3	3	2	2	1	1	1	1	1	1	3	1	1	1
CO-5	1	1	3	3	2	2	1	1	1	1	1	1	3	1	1	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 (9L+0P=9)																
Plywood as a building material, Layout techniques and machining plans. Fabrication techniques - stapling, gluing. Furniture Joinery - screw joinery, nail joinery, Mortise & tenon joints, Dovetail joints, Dowel joints, Edge joints.													CO-1 BTL-3			
MODULE 2 (9L+0P=9)																
Modular kitchens, components basis of Construction involving, layouts, carcass, hardware selection, fixing details finishes and special types such as tall units, grain trolleys, and carousels fold outs etc. A detailed project involving the design of a small kitchen using modular components.													CO-2 BTL-3			
MODULE 3 (9L+0P=9)																
Working drawing of different types of doors and windows.													CO-3 BTL-3			
MODULE 4 (9L+0P=9)																
Measurement and measurement systems, Furniture Construction: Drawers, Cadenza, dining chairs, sofa, settee, cots detail. Preparation for finishing, Furniture Materials Specifying timber finishes etc .Detailed construction drawings & explaining construction and material finishes.													CO-4 BTL-3			
MODULE 5 (9L+0P=9)																
Working drawing for toilets with plumbing diagram, Working drawing of Electrical layouts , reflected ceiling plans and flooring patterns													CO-5 BTL-4			
REFERENCE BOOKS																

Curriculum and Syllabus (B.Des Interior Design)

1	Interior Design & Decoration, Sherril Whiton, Prentice Hall
2	Interior Design, Francis D.K. Ching, John Wiley & Sons, New York
3	Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York.

COURSE TITLE		RENOVATION AND ALTERATION								CREDITS			3				
COURSE CODE		IDB4318		COURSE CATEGORY				PE		L-T-P-S			3- 0- 0- 0				
Version		1.0		Approval Details						LEARNING LEVEL			BTL-3				
		ASSESSMENT SCHEME															
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project				Surprise Test / Quiz		Attendanc e			ESE				
15%		15%		10%				5%		5%			50%				
Course Description		In this course, students will learn about the Renovation and alteration of the different kinds of spaces such as Halls, Stadiums, Pubs, Railway stations, parlors, etc which have varied differentiation between them.															
Course Objective		1. To ensure that the students learn about the renovation of Institutional buildings 2. To familiarize the students with the renovation of spaces allotted for Indoor sports 3. To ensure that the students learn about the renovation of Semi Public spaces like saloons, pubs, banks, etc 4. To familiarize students in renovation of transportation hubs 5. To ensure that the students learn about the renovation of recreational buildings.															
Course Outcome		Upon completion of this course, the students will be able to - 1. To understand the reusability of space 2. To explore multiple activities and flexible space adaptation 3. To understand recycle and reuse of materials 4. To understand techniques in alteration and renovation in interiors 5. To explore public behavior and spaces for renovation															
Prerequisites:																	
CO, PO AND PSO MAPPING																	
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5	
CO-1	2	3	2	1	2	1	1	1	1	2	1	1	1	1	3	1	
CO-2	2	3	2	1	2	1	1	1	1	2	1	1	1	1	3	1	

Curriculum and Syllabus (B.Des Interior Design)

[illegible]

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE		INTERIOR DESIGN STUDIO - IV								CREDITS			6			
COURSE CODE		IDB4331		COURSE CATEGORY				PC		L-T-P-S			0-0-12-2			
Version		1.0		Approval Details						LEARNING LEVEL			BTL-6			
	ASSESSMENT SCHEME															
CIA I		CIA II		CIA III				Summative Assessment					ESE			
15%		15%		15%				15%					40%			
Course Description		In this course, students will learn about a large scale interior Space which is to be designed in detail with the electrical, plumbing, HVAC services with detailed sections and elevation.														
Course Objective		<div>1. To ensure that the students learn to deal large Scale Interior projects in coordination with all the stake holders</div> <div>2. To familiarize the students with the renovation working drawings for plan, section and elevation.</div>														
Course Outcome		<div>Upon completion of this course, the students will be able to -</div> <div>1. To understand large scale interior projects and services</div> <div>2. To generate coordination drawings with consultants and architects</div>														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO-5	PO -6	PO -7	PO -8	PO -9	PO -10	PO-11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	3	3	3	3	2	2	2	1	3	3	3	1	3	3	2
1: Weakly related, 2: Moderately related and 3: Strongly related																
Design problems of larger scale and complexity to be introduced to make the students understand the role of services in functioning of interior space in relation to buildings. Students should be able to generate working drawings to scale and co-ordinate the services such as electrical, plumbing and air-conditioning to provide a complete solution to the user. Public spaces such as Shopping Malls, Auditorium , Theatre , Multi storied office spaces , Hotel													CO-1 BTL-6			

Curriculum and Syllabus (B.Des Interior Design)

interiors , Airport lounges can be considered for design.

Note: One major exercises and one minor time problem should be given.

Internal marking shall be done in stages and project wise:

Schematic layouts

Final layout

Sectional elevations

Designs & details

Electrical and Lighting layout

Plumbing Drawing

HVAC co-ordination

COURSE TITLE		DISSERTATION			CREDITS		23
COURSE CODE		IDB4342	COURSE CATEGORY	PE	L-T-P-S		-
Version		1.0	Approval Details		LEARNING LEVEL		BTL-3
	ASSESSMENT SCHEME						
First Periodical Assessment		Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%		15%	10%	5%	5%		50%
Course Description		In this course, students will learn to research on their topic with tge help of primary and secondary data collected.					
Course Objective		To ensure that the student identifies a topic of interest that relates to the current trend of Interior design and researches the topic in detail.					
Course Outcome		<p>Upon completion of this course, the students will be able to -</p> <ol style="list-style-type: none"> 1. To prepare a report on any qualitative aspect of interior design 					

Curriculum and Syllabus (B.Des Interior Design)

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	3	3	3	3	2	2	2	1	3	3	3	1	3	3	2

1: Weakly related, 2: Moderately related and 3: Strongly related

Understanding of the current and past scenario of Interior Design globally or any state of India.

Every student to identify a field study of selected material , culture , Design process , lighting , services etc and submit a dissertation highlighting the innovations and development happening around the world that would be applicable to Interior Design

**CO-1
BTL-3**

SEMESTER VII

COURSE TITLE	TRAINING			CREDITS		10
COURSE CODE	IDB4431	COURSE CATEGORY	PC	L-T-P-S		-
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, students will work with Interior Designers. They will observe and document the materials, tools, techniques and process used by them in the projects.
Course Objective	1. To understand the tools, techniques and design process from practitioners
Course Outcome	Upon completion of this course, the students will be able to 1. Familiarize with the tools, techniques and design process from practitioners.

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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	2	3	3	3	3	2	2	2	1	3	3	3	1	3	3	2

1: Weakly related, 2: Moderately related and 3: Strongly related

Every student must work with Interior Designers, identification of the Designers to be done in discussion with the concerned faculty. The student should involve in the work of these people and observe and document the materials, tools, techniques and process used by them in the projects.

CO-1
BTL-3

SEMESTER VIII

COURSE TITLE	THESIS			CREDITS		13
COURSE CODE	IDB4441	COURSE CATEGORY	PC	L-T-P-S		-
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course	In this course, students will work on a fulltime project (technically complex project).
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Course Objective	1. To understand the design options in a project.
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Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize and explore the design options in a project
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Prerequisites:

Curriculum and Syllabus (B.Des Interior Design)

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PO -12	PSO -1	PSO -2	PSO -3	PSO -4
CO-1	2	3	3	3	3	2	2	2	1	3	3	3	1	3	3	2

1: Weakly related, 2: Moderately related and 3: Strongly related

Students in this semester would take fulltime project (technically complex project). The students can do design degree project in house but it would be advisable for them to go to industry, design firm and do the design project. Project may be Industry-sponsored Project or a continuation of the Minor Project to implement in a practical basis.

**CO-1
BTL-3**

ELECTIVES

COURSE TITLE	CULTURAL ANTHROPOLOGY			CREDITS		3
COURSE CODE	IDB4101	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description In this course, students will learn about the concepts of ethnography in anthropology and their relevance. People's behavior will also be studied in everyday context.

Course Objective

8. To understand the human aspects and its co relation.
2. To understand the concepts of ethnography in anthropology.
3. To understand the relevance of anthropology and ethnography.
4. To understand and analyze daily life with respect to ethnography.
5. To understand the method to data collection and analysis.

Curriculum and Syllabus (B.Des Interior Design)

Course Outcome	Upon completion of this course, the students will be able to															
	1. Explain the human aspects and its co relation.															
	9. Familiarize with the concepts of ethnography in anthropology.															
	10. Familiarize with the relevance of anthropology and ethnography.															
	11. Familiarize and analyze daily life with respect to ethnography.															
	12. Use the method to data collection and analysis.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	1	1	2	1	1	2	3	2	3	1	1	1	1	3
CO-2	1	1	1	1	2	1	1	2	3	2	3	1	1	1	1	3
CO-3	1	1	1	1	2	1	1	2	3	2	3	1	1	1	1	3
CO-4	1	1	1	1	2	1	1	2	3	2	3	1	1	1	1	3
CO-5	1	1	1	1	2	1	1	2	3	2	3	1	1	1	1	3
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – ETHNOGRAPHY (9L+0P=9)																
Introduction to Ethnography, relation to design & product, relation to the user, relation to culture, language, history. Suggested Reading: Clifford Greetz : The Interpretation of Cultures													CO-1 BTL-4			
MODULE 2 : HUMAN BEHAVIOUR (9L+0P=9)																
Understanding Human Behavior as a Mechanism for Change, Application of Ethnography and Use in Industry.													CO-2 BTL-4			
MODULE 3 : RELEVANCE (9L+0P=9)																
Relevance of Anthropology in Ethnology, Cultural anthropology, relevance of Ergonomics to Ethnography.													CO-3 BTL-4			
MODULE 4 : ISSUES (9L+0P=9)																
Problems of ethnocentrism, seeing things from someone else’s point of view, Linking Ethnography & day to day Design													CO-4 BTL-4			
MODULE 5: METHODOLOGY (9L+0P=9)																
Methods in the study of Ethnography, People’s behavior to be studied in everyday context, the approach to data collection, the analysis of the data, Rapid ethnography Ethnographic Field Methods : case studies, analysis & inferences Every student shall take up one project and do a complete research and design a new product or re-design a day to day product. The report shall be assessed													CO-5 BTL-4			

Curriculum and Syllabus (B.Des Interior Design)

periodically & at the end of the semester.																
REFERENCE BOOKS																
1.	M Hammersley, P Atkinson – 2007 Ethnography: Principles in practice, 3rd edition, Routledge															
2	Kurt A. Raaflaub (Editor), Richard J. A. Talbert (Editor) :Geography and Ethnography: Perceptions of the World in Pre-Modern Societies, January 2013, Paperback, Wiley-															
TEXT BOOKS																
1	Rothstein, P. (2010). Ethnographic research: teaching a young professional old trick. Innovation.															
2	ROBERT M. EMERSON, RACHEL I. FRETZ, AND LINDA L. SHAW Writing Ethnographic Fieldnotes, 2nd Edition, © 2011 Chicago Guides to Writing, Editing, and Publishing															
COURSE TITLE		INTERIOR MODEL MAKING						CREDITS				3				
COURSE CODE		IDC4252		COURSE CATEGORY			PC		L-T-P-S				3-0-0-0			
Version		1.0		Approval Details					LEARNING LEVEL				BTL-3			
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project			Surprise Test / Quiz		Attendance				ESE			
15%		15%		10%			5%		5%				50%			
Course Description		In this course, students will learn about the workability of materials for finish quality. They will also learn to do 3D models to scale and photograph them.														
Course Objective		1. To understand the workability of materials for finish quality. 2. To understand the model scales in 3D. 3. To understand good photographs of the models made. 4. To understand and document the models using various representation skills. 5. To understand the workability of materials for finish quality.														
Course Outcome		Upon completion of this course, the students will be able to 1. Explain the workability of materials for finish quality. 2. Familiarize with the model scales in 3D. 3. Familiarize and capture good photographs of the models made. 4. Familiarize the models using various representation skills. 5. Explain the workability of materials for finish quality.														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5

Curriculum and Syllabus (B.Des Interior Design)

[illegible]

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE		INTERIOR SKETCHING										CREDITS			3	
COURSE CODE		IDC4253		COURSE CATEGORY				PC		L-T-P-S			3-0-0-0			
Version		1.0		Approval Details						LEARNING LEVEL			BTL-3			
ASSESSMENT SCHEME																
First Periodical Assessment		Second Periodical Assessment		Seminar/ Assignments/ Project				Surprise Test / Quiz		Attendance			ESE			
15%		15%		10%				5%		5%			50%			
Course Description		In this course, students will learn to sketch traditional residential public and modern private spaces, giving importance to every detail and elements in a space.														
Course Objective		1. To understand how to sketch traditional residential space. 2. To understand how to sketch traditional public space. 3. To understand how to sketch modern private space. 4. To understand how to sketch public space. 5. To understand the elements within a space to scale.														
Course Outcome		Upon completion of this course, the students will be able to 1. To be able to sketch to express and present a traditional residential space. 2. To be able to sketch to express and present a traditional public space. 3. To be able to sketch to express and present a modern private space. 4. To be able to sketch to express and present a public space. 5. Use the method to data collection and analysis.														
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	3	1	2	1	1	1	2	1	2	1	1	3	1	1	1	1
CO-2	3	1	2	1	1	1	2	1	2	1	1	3	1	1	1	1
CO-3	3	1	2	1	1	1	2	1	2	1	1	3	1	1	1	1
CO-4	3	1	2	1	1	1	2	1	2	1	1	3	1	1	1	1
CO-5	3	1	2	1	1	1	2	1	2	1	1	3	1	1	1	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – TRADITIONAL PRIVATE SPACES (9L+0P=9)																

Curriculum and Syllabus (B.Des Interior Design)

Studying (Measured sketch) various interior traditional private spaces like traditional houses etc to understand and express various materials spatial configurations and varied surface finishes in various medium. Suggested Reading: Thoms, E.French. Graphics Science and Design, New York: MC Graw Hill.		CO-1 BTL-4
MODULE 2 : TRADITIONAL PUBLIC SPACES (9L+0P=9)		
Studying (Measured sketch) various interior traditional public spaces like religious precincts, museums, palaces etc to understand and express various materials spatial configurations and varied surface finishes in various medium. Suggested Reading: Donald Greds : PERSPECTIVE: Using the Grid System for Interior Design Sketching		CO-2 BTL-4
MODULE 3 : CONTEMPORARY PRIVATE SPACES (9L+0P=9)		
Studying (Measured sketch) various interior contemporary private spaces like houses etc. to understand and express various materials spatial configurations and varied surface finishes in various medium.		CO-3 BTL-4
MODULE 4 : CONTEMPORARY PUBLIC SPACES (9L+0P=9)		
Documentation and representation of final product.		CO-4 BTL-4
MODULE 5: FURNITURES & FIXTURES (9L+0P=9)		
Studying (Measured sketch) various interior furniture and fixtures.		CO-5 BTL-4
REFERENCE BOOKS		
1.	Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, wiley publishers, 2007	
2	MogaliDelgadeYanes and Ernest Redondo Dominquez, Freehand drawing for Architects and Interior Designers, ww.Norton& co., 2005-	
TEXT BOOKS		
1	Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, wiley publishers, 2007	
2	MogaliDelgadeYanes and Ernest Redondo Dominquez, Freehand drawing for Architects and Interior Designers, ww.Norton& co., 2005	

ELECTIVE - 2

COURSE TITLE	VISUAL AND PERFORMING ARTS			CREDITS		3
COURSE CODE	IDC4266	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						

Curriculum and Syllabus (B.Des Interior Design)

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about various approaches to media analysis and relationship between media and culture.					
Course Objective	1. To understand about basic details of mass media and its effects on culture. 2. To understand types of media Audience analysis. 3. To understand media as a text and various approaches to media analysis. 4. To understand how media helps within our societies. 5. To understand the relationship between media and culture.					
Course Outcome	Upon completion of this course, the students will be able to 1. Explain the basic details of mass media and its effects on culture. 2. Familiarize with types of media Audience analysis. 3. Familiarize with media as a text and various approaches to media analysis. 4. Explain how media helps within our societies. 5. Explain the relationship between media and culture.					

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	3	3	1	3	2	1	1	2	1	2	1	1	1	1	3
CO-2	2	3	3	1	3	2	1	1	2	1	2	1	1	1	1	3
CO-3	2	3	3	1	3	2	1	1	2	1	2	1	1	1	1	3
CO-4	2	3	3	1	3	2	1	1	2	1	2	1	1	1	1	3
CO-5	2	3	3	1	3	2	1	1	2	1	2	1	1	1	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – NEED FOR STUDY

(9L+0P=9)

Understanding mass media. Characteristics of mass media. Effects of mass media on individual, society and culture – basic issues. Power of mass media. Media in Indian society. Definition, nature and scope. Function of mass media.

**CO-1
BTL-4**

MODULE 2 : AUDIENCE ANALYSIS

(9L+0P=9)

Media Audience analysis (mass, segmentation, product, social uses). Audience making. Active Vs Passive audience: Some theories of audience - Uses and Gratification, Uses and Effects, etc.

**CO-2
BTL-4**

MODULE 3 : MEDIA AS TEXT

(9L+0P=9)

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Media as text. Approaches to media analysis - Marxist, Semiotics, Sociology, Psycho analysis. Media and realism (class, gender, race, age, minorities, children,etc.)		CO-3 BTL-4
MODULE 4 : MEDIA AND SOCIETY		(9L+0P=9)
Media as consciousness Industry. Social construction of reality by media. Rhetoric of the image, narrative, etc. Media myths (representation, stereotypes, etc.) -- Cultural Studies approach to media, audience as textual determinant, audience as readers, audience positioning, establishing critical autonomy		CO-4 BTL-4
MODULE 5: MEDIA AND CULTURE		(9L+0P=9)
Media and Popular culture — commodities, culture and sub-culture, popular texts, popular discrimination, politics and popular culture, popular culture Vs people’s culture, celebrity industry-personality as brand name, hero-worship, etc. Acquisition and transformation of popular culture		CO-5 BTL-4
REFERENCE BOOKS		
1.	Media Analysis Techniques. Sage Publications Berger, AsaAuthur (2017).	
TEXT BOOKS		
1	Media Literacy. Sage Publications Potter, James W (2016).	
2	Media-Making: Mass Media in a Popular Culture. Sage Publications Grossberg, Lawrence et al (2005).	

COURSE TITLE	VERNACULAR ARCHITECTURE AND INTERIORS			CREDITS		3
COURSE CODE	IDC4267	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about the basic building materials and its usage in vernacular architecture. They will also document various vernacular buildings.					
Course Objective	1. To understand the basics of vernacular architecture and sustainability. 2. To understand the basic building materials and its usage in vernacular architecture. 3. To understand various decorative features used in vernacular buildings. 4. To understand various ways of documenting vernacular buildings. 5. To understand various contemporary regional buildings across the country.					

Curriculum and Syllabus (B.Des Interior Design)

Course Outcome	Upon completion of this course, the students will be able to															
	1. Explain the basics of vernacular architecture and sustainability.															
	2. Familiarize with basic building materials and its usage in vernacular architecture.															
	3. Familiarize with various decorative features used in vernacular buildings.															
	4. Explain various ways of documenting vernacular buildings.															
	5. Explain various contemporary regional buildings across the country.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	3	1
CO-2	1	1	3	3	2	2	1	1	1	1	1	1	1	1	3	1
CO-3	1	1	3	3	2	2	1	1	1	1	1	1	1	1	3	1
CO-4	1	1	3	3	2	2	1	1	1	1	1	1	1	1	3	1
CO-5	1	1	3	3	2	2	1	1	1	1	1	1	1	1	3	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – ETYMOLOGY													(9L+0P=9)			
Etymology, Definitions, Vernacular and the architect, Regional influences on vernacular Architecture, Humanitarian response, Urban and rural vernacular architecture, role of sustainability in vernacular architecture, Environment & Resource Management													CO-1 BTL-3			
MODULE 2 : MATERIAL AND TECHNIQUES													(9L+0P=9)			
Building materials and traditions, Vernacular building materials- Recognize the different ways in which these materials were used at different times and in different parts of the country, Documenting vernacular traditions, and knowledge systems.													CO-2 BTL-3			
MODULE 3 : DECORATIVE FEATURES													(9L+0P=9)			
Assess the likely sources of stylistic and decorative features of vernacular buildings and employ these to assist in dating analyzing their role and application in the present context.													CO-3 BTL-3			
MODULE 4 : DOCUMENTATION													(9L+0P=9)			
Recording vernacular buildings- Need for documentation - Recording basics (measuring and recording historic buildings) Drawing up; conventions and equipment Documentary sources and what they can tell us Briefing for recording day(s) Recording the chosen building(s) Reviewing the results; and role of Photography in documenting vernacular buildings.													CO-4 BTL-3			
MODULE 5: VERNACULAR TOWNS													(9L+0P=9)			
Vernacular Towns – evolution process, character, morphology, growth and decay. Case studies of Vernacular towns within Tamil Nadu. Knowledge of vernacular													CO-5 BTL-3			

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architecture in contemporary regional Designs. Traditionalism and Vernacular.		
REFERENCE BOOKS		
1.	Lindsay Asquith, Marcel Vellinga, Taylor and Francis- 'Vernacular architecture in the Twenty first century'- 2006 USA	
TEXT BOOKS		
1	Heath, Kingston wm- 'Vernacular Architecture and Regional design'- Cultural process and environmental response- 'Elsevier science and technology'- 30 April 2007	
2	Vernacular Traditions : Contemporary Architecture, The energy resources and institute, Aishwarya Tipnis,2012	

COURSE TITLE	REPRESENTATION OF SPACES			CREDITS		3
COURSE CODE	IDC4268	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn ways to convert spaces from literature with various examples. They will also learn to understand spaces.					
Course Objective	1. To understand ways to represent space as a phenomenon in literature. 2. To understand ways to convert spaces from literature with various examples. 3. To understand about the threshold spaces relating to films and mythology. 4. To understand public realm and public spaces and right to place. 5. To understand various spaces for kids in fiction and novel.					
Course Outcome	Upon completion of this course, the students will be able to 1. Explain how to represent space as a phenomenon in literature. 2. Explain how to convert spaces from literature with various examples. 3. Familiarize with the threshold spaces relating to films and mythology. 4. Explain public realm and public spaces and right to place. 5. Explain various spaces for kids in fiction and novel.					
Prerequisites:						
CO, PO AND PSO MAPPING						

Curriculum and Syllabus (B.Des Interior Design)

[illegible]

Curriculum and Syllabus (B.Des Interior Design)

ELECTIVE – 3

COURSE TITLE	INTERIOR ACCESSORIES AND PRODUCT DESIGN				CREDITS		3
COURSE CODE	IDC4351	COURSE CATEGORY	PC	L-T-P-S			3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL			BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, students will learn about types of interior accessories and ways to use them in interiors. Problem identification, color theory and usage of colors and textures will also be focused in this course.
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Course Objective	<ol style="list-style-type: none"> 1. To understand interior accessories and its role in interiors. 2. To understand colour theory in interior decoration. 3. To understand the value and process of product design. 4. To understand various methods in problem identification. 5. To understand system thinking for concepts of components.
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Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Explain interior accessories and its role in interiors. 2. Explain colour theory in interior decoration. 3. Familiarize with the value and process of product design. 4. Explain various methods in problem identification. 5. Explain system thinking for concepts of components.
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	3	1	2	2	1	1	1	1	2	1	1	1	1	3
CO-2	1	1	3	1	2	2	1	1	1	1	2	1	1	1	1	3
CO-3	1	1	3	1	2	2	1	1	1	1	2	1	1	1	1	3
CO-4	1	1	3	1	2	2	1	1	1	1	2	1	1	1	1	3
CO-5	1	1	3	1	2	2	1	1	1	1	2	1	1	1	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – INTRODUCTION

(9L+0P=9)

Curriculum and Syllabus (B.Des Interior Design)

Introduction to interior accessories, Furniture, Wall paintings, Mural, Lights, Plants and artifacts. Accessories in wall, Floor, Ceiling and cultural products. Material and process based textures, construction based textures, pigmented textures. Gradation on flat Surface, Introduction of highlights and shadows.		CO-1 BTL-3
MODULE 2 : COLOUR AND FINISHES (9L+0P=9)		
Colour of accessories, Texture in walls, Fabric accessories, Pattern, Wooden finishes, Curtains, Drapes, Blinds, Finials, Cornice, and decorative elements.		CO-2 BTL-3
MODULE 3 : PRODUCT (9L+0P=9)		
Definitions of material, process and product. History and examples of product design. Fundamentals of product development cycle. Concept of end user. Defining user groups. Concept of market. Defining the market gap.		CO-3 BTL-3
MODULE 4 : PROBLEM IDENTIFICATION (9L+0P=9)		
Problem identification and definition. Scenario Building. Mind Maps and Metaphors. Definition of a solution. Ideation, conceptualization and representation of solutions.		CO-4 BTL-3
MODULE 5: CONCEPTS AND DESIGN (9L+0P=9)		
Introduction to system Thinking; Definition of a system; Concepts of component, connection, transaction and transformation; Boundary and boundary conditions; Concepts of input, activity, response and output; Metaphors; Introduction to Static and dynamic maps.		CO-5 BTL-3
REFERENCE BOOKS		
1.	Don Norman, Design of Everyday Things, Basic Books, 2014	
TEXT BOOKS		
1	Katherine S. Willis, Net spaces: Space and Place in a Networked World, Routledge, 2017	
2	Alan Pipes, Foundation of Art and Design, Lawrence King Publishing, 2008	

COURSE TITLE	REVITALIZATION OF ARTS AND CRAFTS			CREDITS		3
COURSE CODE	IDC4352	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Curriculum and Syllabus (B.Des Interior Design)

Course Description	In this course, students will learn about the role of art from the prehistoric time till the modern days. Styles of art and its representation will also be studied with examples.
Course Objective	<ol style="list-style-type: none"> 1. To understand arts and crafts. 2. To understand various art and cultural forms. 3. To understand Indian art form. 4. To understand western art form and representation. 5. To understand various style of art and the period.
Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Familiarize with arts and crafts. 2. Familiarize with various art and cultural forms. 3. Familiarize with Indian art form. 4. Familiarize with western art form and representation. 5. Familiarize with various style of art and the period.

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-2	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-3	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-4	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3
CO-5	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – ART AND CRAFTS

(9L+0P=9)

Importance of “Art History” as a discipline , Cultural values of regions North , South East and west of india.

**CO-1
BTL-3**

MODULE 2 : PREHISTORIC

(9L+0P=9)

Prehistoric Cave paintings from Bhopal, Harappa & Mohenjodaro Civilization (town planning, sculpture-Beard man, dancing girl, seals and script), Rock cut architecture, Architecture- Ajanta, Brahminical cave, Architecture - Ellora

**CO-2
BTL-3**

MODULE 3 : INDIAN ART

(9L+0P=9)

Gagendranath Tagore, Jamini Roy, Rabindranath Tagore, Amrita Sher Gill, RamkinkarVaijetc

**CO-3
BTL-3**

MODULE 4 : WESTERN ART

(9L+0P=9)

Curriculum and Syllabus (B.Des Interior Design)

Michelangelo, Leonardo da Vinci, Vincent van Gogh, Paul Gauguin, Georges Seurat, Salvador Dali, Pablo Picasso etc.		CO-4 BTL-3
MODULE 5: 3D ART (9L+0P=9)		
Sculptures, statues, installations, kinetic art and performance art. Realism, emotionalism, formalism, feminism, and constructivism.		CO-5 BTL-3
REFERENCE BOOKS		
1.	The Elements of Art and Composition by Brenda Ellis. Publisher: Artistic Pursuits Inc. Comb-binding, 92 pages, 68 lessons, 186 illustrations. ISBN: 978-1-939394-08-8, January 1, 2013, 3rd Edition	
TEXT BOOKS		
1	Figure Painting in Water Colour, Charles Reid Watson, Guptill Publication	
2	Art Fundamentals: Theory and Practice by Otto G. Ocvirk, Robert Stinson, Philip R. Wigg, Robert O. Bone, David L. Cayton	
3	Edith Thomory, “A History of Fine Arts in India and the West”, Orient Longman Publisher’s Pvt.Ltd,	

COURSE TITLE	GRAPHICS AND ANIMATION			CREDITS		3
COURSE CODE	IDC4353	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about the fundamental of graphic design, principles of animation and methods in production of animation.					
Course Objective	1. To understand the fundamental of graphic design. 2. To understand various elements and regulation of graphics. 3. To understand the principles of animation. 4. To understand the production process. 5. To understand methods in production of animation.					

Curriculum and Syllabus (B.Des Interior Design)

Course Outcome	Upon completion of this course, the students will be able to															
	1. Familiarize with the fundamental of graphic design.															
	2. Familiarize with various elements and regulation of graphics.															
	3. Familiarize with the principles of animation.															
	4. Familiarize with production process.															
	5. Familiarize with methods in production of animation.															
Prerequisites:																
CO, PO AND PSO MAPPING																
CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	1	2	3	3	2	2	1	1	1	1	2	1	1	3	1	1
CO-2	1	2	3	3	2	2	1	1	1	1	2	1	1	3	1	1
CO-3	1	2	3	3	2	2	1	1	1	1	2	1	1	3	1	1
CO-4	1	2	3	3	2	2	1	1	1	1	2	1	1	3	1	1
CO-5	1	2	3	3	2	2	1	1	1	1	2	1	1	3	1	1
1: Weakly related, 2: Moderately related and 3: Strongly related																
MODULE 1 – INTRODUCTION TO ELEMENTS OF GRAPHIC DESIGN													(9L+0P=9)			
Introduction to elements of graphic design - Text and image, grids and layout, composition, form and function, figure and ground phenomenon. Typographic fonts and their characters. Gestalt Laws													CO-1 BTL-3			
MODULE 2 : TYPOGRAPHIC PARAMETERS													(9L+0P=9)			
Typographic parameters: x-height, ascenders, descenders, kerning, tracking and leading. Variations of body text, headlines and display text. Grid in graphic design. Hands on practice in applications of fundamentals of Graphic Design.													CO-2 BTL-3			
MODULE 3 : ANIMATION													(9L+0P=9)			
Introduction to Animation, Animation History, Animation techniques: Traditional animation practices and their importance and relation to contemporary animation techniques. Introduction to specialized areas: Cel -animation, character animation, clay animation and puppet animation, Principles of Animation, Production Pipeline.													CO-3 BTL-3			
MODULE 4 : PRODUCTION													(9L+0P=9)			
Animation production: techniques for production and analyzing 2D and 3D animation. 3D Modeling, Texturing, Rigging, 3D Animation, CG Lighting, Visual Effects													CO-4 BTL-3			
MODULE 5: PRE PRODUCTION /POST PRODUCTION													(9L+0P=9)			
Introduction to Pre-Production, Scripting, Storyboarding, Layout, Character Designing, Props Designing, Background Designing, Camera Angles, Frame Length ,Post Production processes, Importance of post-production, Compositing, and													CO-5 BTL-3			

Curriculum and Syllabus (B.Des Interior Design)

Rendering.		
REFERENCE BOOKS		
1.	O. Johnston, and F. Thomas, The Illusion of Life: Disney Animation, Walter Foster Publishing	
2	W. T. Foster, Cartooning: Animation Basics, Revised Edition, Walter Foster Publishing.	
TEXT BOOKS		
1	R. Hollis, Concise History of Graphic Design, Thames & Hudson.	
2	S. Roberts, Character Animation in 3D: Use of traditional drawing techniques to produce stunning CGI animation, Focal Press, 2004.	

ELECTIVE – 4

COURSE TITLE	INTERIOR PHOTOGRAPHY			CREDITS		3
COURSE CODE	IDB4366	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about the rules of photography, lighting, color and settings in photography.					
Course Objective	1. To understand the rules of photography. 2. To understand the definitions in photography. 3. To understand the lighting in photography. 4. To understand the role of colour in picture realization. 5. To understand the dynamic systems in settings.					
Course Outcome	Upon completion of this course, the students will be able to 1. Explain the rules of photography. 2. Explain the definitions in photography. 3. Familiarize with the lighting in photography. 4. Explain the role of colour in picture realization. 5. Explain the dynamic systems in settings.					
Prerequisites:						

Curriculum and Syllabus (B.Des Interior Design)

CO, PO AND PSO MAPPING

[illegible]

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – INTRODUCTION

(9L+0P=9)

Rule of thirds, perspective-worm's eye view, normal eye view, bird's eye view, one-point perspective, two-point perspective, three point perspective, exercises in composition

CO-1
BTL-3

MODULE 2 :

(9L+0P=9)

Technical definitions, understanding a camera, anatomy of a SLR camera, technical setting in a SLR camera, different types of lenses

CO-2
BTL-3

MODULE 3 :

(9L+0P=9)

Technical definitions, lighting sources, types of lighting fixtures, types of lamps, calculating lighting levels, flash photography, types of flashes, controlling lighting levels with flash photography Exercise in interior lighting photography with artificial light and black and white photos.

CO-3
BTL-3

MODULE 4 :

(9L+0P=9)

Colour rendering in photographic medium, colour rendering in photographs under different lighting condition, lighting colours and its effect on a photograph, colour filters in a camera Exercise on colour photography of interiors.

CO-4
BTL-3

MODULE 5:

(9L+0P=9)

Project work/exercise in integrating all prior units.

CO-5
BTL-3

REFERENCE BOOKS

- | | |
|----|---|
| 1. | Point view- The art of architectural photography , E.Manny A Ballan, VNR |
| 2 | Professional photography –photographing buildings, David Wilson, Rotovision |

TEXT BOOKS

- | | |
|---|---|
| 1 | The Digital Photography Book, Part 2 : Scott Kelby |
| 2 | The Art of Photography: An Approach to Personal Expression : Bruce Barnbaum |

Curriculum and Syllabus (B.Des Interior Design)

COURSE TITLE	ENTREPRENEURSHIP DEVELOPMENT			CREDITS		3
COURSE CODE	IDB4367	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3

ASSESSMENT SCHEME

First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE
15%	15%	10%	5%	5%		50%

Course Description	In this course, students will learn about management techniques of business and entrepreneurial system and components.
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Course Objective	<ol style="list-style-type: none"> 1. To understand entrepreneurial system and components. 2. To understand models of business development. 3. To understand various methods in conflicts resolution. 4. To understand management techniques of business. 5. To understand the intellectual property rights and privileges.
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Course Outcome	<p>Upon completion of this course, the students will be able to</p> <ol style="list-style-type: none"> 1. Explain the entrepreneurial system and components. 2. Explain the models of business development. 3. Familiarize with various methods in conflicts resolution. 4. Explain the management techniques of business. 5. Explain the intellectual property rights and privileges.
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Prerequisites:

CO, PO AND PSO MAPPING

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5
CO-1	2	1	3	3	2	2	1	2	1	2	1	1	1	1	1	3
CO-2	2	1	3	3	2	2	1	2	1	2	1	1	1	1	1	3
CO-3	2	1	3	3	2	2	1	2	1	2	1	1	1	1	1	3
CO-4	2	1	3	3	2	2	1	2	1	2	1	1	1	1	1	3
CO-5	2	1	3	3	2	2	1	2	1	2	1	1	1	1	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – INTRODUCTION	(9L+0P=9)
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Curriculum and Syllabus (B.Des Interior Design)

Social Entrepreneurship, Business Entrepreneurship, Trading Entrepreneurship, Corporate Entrepreneurship, and Agricultural Entrepreneurship.		CO-1 BTL-3
MODULE 2 : (9L+0P=9)		
Timmons Model of Entrepreneurship, Investment Models, Startup Business Models, Business Plans, Pitch presentations, Small Business models.		CO-2 BTL-3
MODULE 3 : (9L+0P=9)		
Contracts and Agreements, Conflict Resolution, Arbitration.		CO-3 BTL-3
MODULE 4 : (9L+0P=9)		
Set up of an independent design business, Hiring processes, Project Scheduling and work delegation, Cost Estimation; Billing, salaries and taxation.		CO-4 BTL-3
MODULE 5: (9L+0P=9)		
Registration process of Intellectual property Rights, Design Registration, and Brand/Trademark Registration.		CO-5 BTL-3
REFERENCE BOOKS		
1.	Ted Crawford, AIGA Professional Practices in Graphic Design, Allworth Press, 2008	
2	Shan Preddy, How to Run a Successful Design Business: The New Professional Practice, Gower Publishing, Ltd., 2011	
TEXT BOOKS		
1	Margaret Mark, Carol Pearson, the Hero and the Outlaw: Building Extraordinary Brands through the Power of Archetypes, McGraw Hill, 2001	
2	Martin, R. L. (2009). The design of business: Why design thinking is the next competitive advantage. Harvard Business Press.	

COURSE TITLE	ARTS AND GRAPHICS IN INTERIOR DESIGN			CREDITS		3
COURSE CODE	IDB4368	COURSE CATEGORY	PC	L-T-P-S		3-0-0-0
Version	1.0	Approval Details		LEARNING LEVEL		BTL-3
ASSESSMENT SCHEME						
First Periodical Assessment	Second Periodical Assessment	Seminar/ Assignments/ Project	Surprise Test / Quiz	Attendance		ESE

Curriculum and Syllabus (B.Des Interior Design)

15%	15%	10%	5%	5%		50%
Course Description	In this course, students will learn about the basic concepts of art, its representation techniques and the role of form, color and composition in graphic design.					
Course Objective	1. To understand the basics of art. 2. To understand art as a medium of innovation in interior. 3. To understand various themes based on period of art. 4. To understand the representation techniques. 5. To understand the role of colour, form and composition in graphic design.					
Course Outcome	Upon completion of this course, the students will be able to 1. Explain the basics of art. 2. Explain art as a medium of innovation in interior. 3. Familiarize with various themes based on period of art. 4. Explain the representation techniques. 5. Explain the role of colour, form and composition in graphic design.					

Prerequisites:

CO, PO AND PSO MAPPING

CO	PO -1	PO -2	PO -3	PO -4	PO- 5	PO -6	PO -7	PO -8	PO -9	PO -10	PO- 11	PS O-1	PSO -2	PSO -3	PSO -4	PSO -5
CO-1	2	1	3	3	2	2	1	1	2	2	1	1	1	1	1	3
CO-2	2	1	3	3	2	2	1	1	2	2	1	1	1	1	1	3
CO-3	2	1	3	3	2	2	1	1	2	2	1	1	1	1	1	3
CO-4	2	1	3	3	2	2	1	1	2	2	1	1	1	1	1	3
CO-5	2	1	3	3	2	2	1	1	2	2	1	1	1	1	1	3

1: Weakly related, 2: Moderately related and 3: Strongly related

MODULE 1 – INTRODUCTION

(9L+0P=9)

Introduction to creative arts and crafts in India – its application in interior design
 –materials – Art movements through history – Traditional arts and crafts of India
 –Folk arts of India

**CO-1
BTL-3**

MODULE 2 :

(9L+0P=9)

Traditional arts and crafts of various states of India including –Tamilnadu, Karnataka, Kerala, Andhra Pradesh, Goa, Rajasthan, Gujarat, Kutch, Uttarpradesh, West Bengal, Orissa, Bihar, Jammu and Kashmir, etc.

**CO-2
BTL-3**

MODULE 3 :

(9L+0P=9)

Art Movements in Post Modern India and their influences in Interior design – Abstract Expressionism, Pop art, Minimal art, Conceptual art – Neo Expressionism – Computers in Arts.

**CO-3
BTL-3**

Curriculum and Syllabus (B.Des Interior Design)

MODULE 4 :		(9L+0P=9)
To develop the sense of space and division, understanding of basic form and fundamentals of design and colour. Elements of Design: Line, Shape, Forms, Space, Colours, etc		CO-4 BTL-3
MODULE 5:		(9L+0P=9)
Detailed study of visual art and its implementation in advertising for effective Communication, Designing of Logo, Emblems, Stationary, Book-jackets, Tags, leaflets, folders etc.		CO-5 BTL-3
REFERENCE BOOKS		
1.	Edith Thomory, A History of fine arts in India and the west, Orient Longmann publishers Pvt Ltd, New Delhi.	
2	Exploring the Elements of Designs : Poppy Evans, Mark Thomas	
TEXT BOOKS		
1	History of Graphic Design : Philip B Meggs	
2	The Elements of Graphic Design : Alexander W White	