



SWAMI VIVEKANAND
SUBHARTI
UNIVERSITY
Meerut
UGC Approved



AN ISO 21001: 2018 ORGANIZATION

OFFICE OF THE REGISTRAR

Gp Capt M Yakoob

M-in-D (Retd.), M.Tech.

REGISTRAR

registrar@subharti.org

Ref.No.U-508(i)/SVSU/2025/1587

Date:25.01.2025

NOTIFICATION

It is hereby notified for information of all the concerned that the Academic Council in its 34th meeting held on 25-07-2024 vide resolution No.34(7) has approved the ordinance relating to course curriculum & syllabus of degree of Four Year Degree Program (FYDP) of the following:

Ordinance No.V-126 (B25), relating to B.Sc.-Interior Design

The copies of all above are enclosed and shall be applicable from Academic Session 2024-25 onwards.

This issues with the approval of the Hon'ble Vice Chancellor.

M. Yakoob
25.01.2025
Registrar

Ref.No.U-508(i)/SVSU/2025/1587

Date: 25.01.2025

Copy forwarded to information of:

1. Hon'ble Vice-Chancellor
2. Controller of Examination
3. Dean-Academics
4. Director-IQAC
5. Dean-Faculty of Fine Arts (for compliance please)
6. CTO (with a request to upload the ordinance on University website)
7. Additional Registrar-Academics
8. Guard File

M. Yakoob
25.01.2025
Registrar

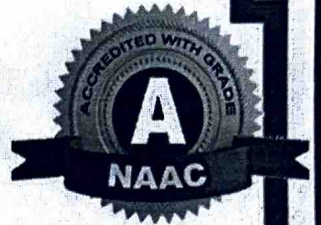


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Subhartipuram, NH-58, Delhi-Haridwar Bypass Road, Meerut-250005 (U.P.) INDIA



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ORDINANCE GOVERNING

ORDINANCE NO. V (114 B)

BACHELOR OF SCIENCE (Research) INTERIOR
DESIGN

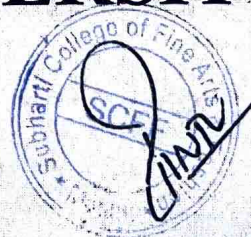
4-Year Degree Programme (FYDP)

AS PER NEP-2020

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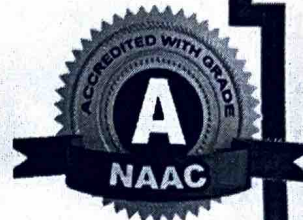
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Effective from Session 2023-24





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ORDINANCE GOVERNING

ORDINANCE NO. V (115 B)

BACHELOR OF SCIENCE (Research) INTERIOR
DESIGN

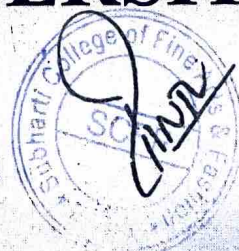
4-Year Degree Programme (FYDP)

AS PER NEP-2020

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Effective from Session 2023-24



CERTIFICATE IN INTERIOR DESIGN

Program Outcomes (POs)

- Students will get elementary knowledge of Interior Design.
- Students will acquire knowledge of Basics computer.
- Students will get elementary knowledge of Building materials and Construction.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- Students get introduced to Interior Design Industry and gets finishing and polishing required for the industry.
- Develop good communication skills and confidence.
- May achieve capabilities to start earning by enhancing their skills in the field of Interior and Construction.

Semester		Subject	Course Code	Paper Title	Theory/ Practical	Marks	Credit
I	Major	I	BSC-ID-101	Material Studies & Its Application-I	Theory	100 (25+75)	3
	Major	II	BSC-ID-111	Construction Technology-I	Practical	100 (25+75)	3
	Major	III	BSC-ID-112	Basics of Drafting Techniques	Practical	100 (25+75)	3
	Major	IV	BSC-ID-113	Basics of Interior Design & Graphics	Practical	100 (25+75)	4
	Major	V	BSC-ID-114	3 D Design-I	Practical	100 (25+75)	4
	Vocational	Voc-1	VOC-I-SILL	Still life & Landscape	Practical	100 (25+75)	3
	Co-Curricular	Co-C-1	Z010101T	Food-Nutrition-Hygiene	Theory	100 (25+75)	2
II	Major	I	BSC-ID-201	Material Studies & Its Application-II	Theory	100 (25+75)	3
	Major	II	BSC-ID-211	Construction Technology-II	Practical	100 (25+75)	3
	Major	III	BSC-ID-212	Basics Computer Application	Practical	100 (25+75)	4
	Major	IV	BSC-ID-213	Design Studio-I	Practical	100 (25+75)	3
	Major	V	BSC-ID-214	3 D Design-II	Practical	100 (25+75)	4
	Minor/Elective	I	AEC-01-P	English	Practical	100 (25+75)	4
	Vocational	Voc-2	VOC-2-CM	Clay Modeling	Practical	100 (25+75)	3
	Co-Curricular	Co-C-2	Z020201	First-aid Health	Theory	100 (25+75)	2
Total							48

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SEMESTER I

1. MATERIAL STUDIES & ITS APPLICATION-I (THEORY)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st		
INTERIOR DESIGN				
Course Code:	Course Title: Material Studies & its Application-I (Theory)			
Course outcomes:				
<ul style="list-style-type: none"> ○ Learn how it can be used in different proportions & be used as a material in construction. ○ To understand advance building material in the context of various construction methods. ○ Understand the materials like Brick, rocks, stone, trees and timber in the context of Interior Design ○ Gaining knowledge of all materials, their applications in various spaces in interiors and being updated with current market trends. ○ Analyse building materials, its components, uses and techniques for construction. 				
Credits:3	Core Compulsory			
Max. Marks: 100	Min. Passing marks: 40			
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 35-9-1=45				
Unit	Topics	No. of Lectures Total=45		
I	Lime, Sand, cement <ul style="list-style-type: none"> • Introduction to unit • Different types, Application • Manufacturing, mix ratios • Precautions in handling, Storage, uses. 	12+3+0=15		
II	Concrete, Mortar <ul style="list-style-type: none"> • Introduction to unit • To understand types, application • Manufacturing, Mix ratios • precautions in handling, Storage, uses. 	8+2+0=10		
III	Plaster <ul style="list-style-type: none"> • Introduction to unit • To study manufacturing • Types, application. 	4+1+0=5		
IV	Brick <ul style="list-style-type: none"> • Introduction to unit, • Composition, manufacturing, • Types, Application • Shapes, Classification (I, II, III class & burnt brick) • Characteristic of good brick 	4+1+1=6		
V	Stone <ul style="list-style-type: none"> • Introduction to Unit, • Uses, Classification, • Specification of marble, granite, sandstone, • dressing of stone, types, properties, • classification & uses 	4+1+0=5		
VI	Fabric <ul style="list-style-type: none"> • Introduction to unit, • Types (natural & Artificial), properties & it uses. 	3+1+0=4		
Suggested Readings:				
Sr. No.	Book	Author	Edition	Publication
1.	Engineering Materials	S.C. Rangwala	28th	Charatar Publishing house

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2.	Building Materials	P.C. Uarghese	7th	Ashoke K. Ghosh
3	K.P. Engineering Materials used in India.	Chowdary	7th	Oxford and IBH, New Delhi, 1990

Suggested Digital Platform:

- <https://www.cphbooks.in/product/engineering-materials-by-rangwala/>
<https://www.scribd.com/document/501253504/Building-Material-by-P-C-Verghese>
<https://www.aicte-india.org/sites/default/files/bvoc/B.Voc%20interior%20design.pdf>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2. CONSTRUCTION TECHNOLOGY-I (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		
Course Code:	Course Title: Construction Technology-I (Practical)	
Course outcomes: <ul style="list-style-type: none"> ○ Learn the use of technical terminology of interiors & architecture. Learn to graphically present the same. ○ Learn to graphically represent the construction materials ○ Understand the construction of Brick Masonry, types of brick masonries. ○ Understand the construction types of Stone Masonry & brick masonries. ○ Understand the construction of Foundation & Superstructure, types of foundations and the details about the entire one wall of a building. ○ Learn about the different parts of a building making it whole. 		
Credits: 3 (6)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 10-4-31=45		
Unit	Topics	No. of Lectures Total=45
I	Building Terminology <ul style="list-style-type: none"> • Introduction to unit • To understand the definitions & application of various elements of building & to represent them graphically 	2+1+0=3
II	Representation of Building Construction Materials <ul style="list-style-type: none"> • Introduction to unit • To represent construction materials graphically in plans, elevations, sections & storage, uses. 	1+0+2=3
III	Brick Masonry <ul style="list-style-type: none"> • Introduction to unit, • Different types of bricks/bats. • To study & understand different wall formation (Header, Stretcher, English & Flemish bonds) • To learn to represent the same through drawing/drafting 	2+1+8=11
IV	Stone Masonry <ul style="list-style-type: none"> • Introduction to unit, 	2+1+8=11

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	<ul style="list-style-type: none"> To study different wall formation using stones (Ashlar, Rubble, and Retaining Walls) Understanding Dressing of stones, Advantages, Disadvantages of Brick & Stone Construction. To learn to represent the same through drawing/drafting 	
V	Foundation <ul style="list-style-type: none"> Introduction to unit, to study & understand different types of foundations. To study shallow foundation & it's types To compute the foundation drawing for the given space. 	2+1+8=11
VI	Section Through the Wall of the Building <ul style="list-style-type: none"> Introduction to unit, To study & represent the various parts of the wall section in a drawing. 	1+0+5=6

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Building construction	B.C.Punmia	10th	Laxmi publication
2.	Building construction	S.C.Rangwala	29th	Charatar publication
3.	A Text Book of Building Construction	S.P.Arora, S.P.Bindra	5th	Dhanpat Rai publication

Suggested Digital Platform:

<https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285>

<https://www.cphbooks.in/product/engineering-materials-by-rangwala/>

<https://dhanpatrai.com/Catalogue.pdf>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

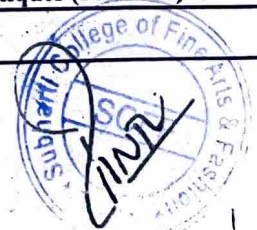
Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

3. BASICS OF DRAFTING TECHNIQUES (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		
Course Code:	Course Title: Basics of Drafting Techniques (Practical)	
Course outcomes:		

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To familiarize the students with basic knowledge of orthographic projections of simple geometrical forms to be able to represent basic ideas through 2D & 3D designs. Also, to understand and learn basic techniques of drafting and

Sr. No.	Book	Author	Edition	Publication
1.	Engineering Drawing of solids & planes and their projections	P.S. Gill	2006	S. K. Kataria & Sons, New Delhi
2.	Architectural Graphics of the solid	Francis D.K. Ching	2002	Thames & Hudson Publishing
3.	To develop the drawing of simple objects with the help of the model	Dr. B. D. Chhabra	2006	Central Publishing House

- To analyze the scenography of simple objects or study models at different times of the day.
- To create one point and two-point perspective of simple objects or study models.
- To understand the graphical presentation and rendering of the simple objects, symbols and model.

Credits: 3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 14-7-24=45	

Unit	Topics	No. of Lectures Total=45
I	Use of Instruments: List of instruments. To impart the basic skills to working with instruments To teach the fundamentals of instrument operation. <ul style="list-style-type: none"> • Lines, Types of lines, Basic introduction of lines, Construction of lines, how to divide a line, Curves, Introduction of curve, to find center of an arch, Construction of ogee curve or reverse, curve, Objects, Basic introduction, Types of objects. • Application of free hand drawings, lines, curves and arches. 	4+1+6=11
II	Lettering <ul style="list-style-type: none"> • Ratio between height and width of letters and numerals, capitals, and small letters (7:4 and 5:40). • Roman lettering, Gothic and Italics. • Free hand lettering, Single line lettering, Broad pen lettering, Stylized lettering, Spacing, Lettering with the help of Stencils. 	3+1+3=7
III	Use of Scales: Use of different types of scales in drawing. <ul style="list-style-type: none"> • Scale (Reducing Scale, Full scale & Enlarging scale) • Representative fraction. • Use of MKS & FPS measuring scale. 	3+1+3=7
IV	Orthographic Projections: Projection of solids- Cube, Cuboid, (plan and elevation) Cone, square, pyramid, hexagonal pyramid, square prism, triangular prism, hexagonal prism & composition.	2+2+6=10
V	Isometric views & Axonometric views of solids- Cube, Cuboid, (plan and elevation) Cone, square, pyramid, hexagonal pyramid, square prism, triangular prism, hexagonal prism & composition. Make drawings of a room in 3 Dimension Isometric views.	2+2+6=10

Suggested Readings:
Suggested Digital Platform:
<https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285>
<https://www.cphbooks.in/product/engineering-materials-by-rangwala/>
<https://dhanpatrai.com/Catalogue.pdf>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods:
 Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
 At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

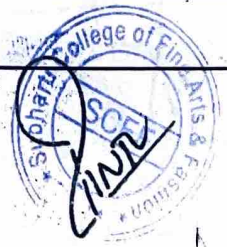
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4. BASICS OF INTERIOR DESIGN & GRAPHICS (PRACTICAL)

Programme/Class: Certificate in Interior Design		Year: First	Semester: 1 st
Course Code:		INTERIOR DESIGN	
Course Title: Basics of Interior Design & Graphics (Practical)			
Course outcomes:			
<p>The student at the completion of the course will be able to:</p> <ul style="list-style-type: none"> ○ Understand the elements & principles of design and also be able to differentiate between them. ○ Create something which is aesthetically pleasing and optimizes the user experience. These principles will help the student to improve their design journey. ○ Understand the importance of a good & balanced composition. Their understanding of the other courses will be put in together in the best possible way to see the whole composition. ○ Develop a better understanding towards RGB, CMYK, colour wheel, etc. ○ Understand the importance of colour in their life, culture, nature and our surroundings. 			
Credits: 4 (8)		Core Compulsory	
Max. Marks: 100		Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 15-18-27=60			
Unit	Topics	No. of Lectures = 60	
I	Lines, Illusion & Mural collage making <ul style="list-style-type: none"> • Types Of Lines, Meaning, Psychology & Emotions of Lines • Mural & collage as an Artforms. 	2+0+ 8=10	
II	Rending Techniques & Plants Sketching <ul style="list-style-type: none"> • Different techniques used in architectural drawings. • Different structure of trees. 	2+0+ 8 =10	
III	Design, Structural and Decorative Design <ul style="list-style-type: none"> • Definition, Functional design, Traditional design, Folk and modern design. Purpose of design. All this must be supported with examples from everyday life and nature. 	2+0+ 0 =2	
IV	Elements of Design <ul style="list-style-type: none"> • Introduction of unit • Elements of Design- Dot, Line, Shape, Form, Texture, Light, Depth, Pattern etc. Hands on exercise for understanding elements of design. 	2+2+ 2 = 6	
V	Principles of Design <ul style="list-style-type: none"> • Introduction of unit • Principles of design –Contrast, Harmony, Rhythm, Balance, Unity, Proportion, Scale etc. • Hands on exercise for understanding principles of design. 	2+2+ 2 = 6	
IV	Colour Theory <ul style="list-style-type: none"> • Colour theory, • Tints, Shades and Tones, Colour Schemes, Its use and application in Interior. • Colour psychology, symbolism, expression-colour basics- (physics of light, pigments etc.) 	2+2+ 4 = 8	
V	Composition- 2D <ul style="list-style-type: none"> ❖ Introduction of unit ❖ Understanding shapes and forms, basic geometry in shapes. ❖ 2D composition of geometrical shapes, free hand doodling and composition. 	2+0+ 6 = 8	
VI	Anthropometrics And Ergonomics <ul style="list-style-type: none"> • To know about how individual measurements affect the design of work environment. • Definition, theory of standard dimension based on human figures for activities, functions, circulation, furniture design, spatial requirements etc. • Study of Ergonomics. 	2+0+ 8=10	
Suggested Readings:			

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Sr. No.	Book	Author	Edition	Publication
1.	FORM, SPACE, AND ORDER	Francis D.K. Ching		
2.	Design Process in Architecture: From Concept to Completion	<u>Geoffrey Makstutis</u>	2018	Laurence King Publishing
3.	Rendering with pen & ink	Robert W. Gill,	1984	Thames & Hudson Publishing
3.	Evocative Style	Kelly Wearster	2019	Rizzoli

Suggested Digital Platform:
<https://kraftivo.in/interior-design-guide/>
<https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa>
<https://in.pinterest.com/erinloechner/interior-design-ideas/>
<https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior designs.

5. 3D DESIGN-I

Year: BFA Foundation,		Semester: 1 st
Subject: Core Course/Major		
Course Code: BFA-103CC3	Course Title: 3D Design-I	
Course Out Come:		
<ul style="list-style-type: none"> Know about Fundamentals of 3D Design (Sculpture) like the elements of sculptural design(Mass & Space) and their relation to create 3D forms. Know about basics of 3D forms and all the core materials and their techniques to create forms. Practically know about clay and its preparation and process of creating forms through clay modeling. Practically know about relief sculpture (process, techniques, importance and uses). Practically know about pottery and create pots through clay (Red clay preparation, Coil and slab methods). Students practically know about to create pots on wheel (Clay preparation, centre the clay on wheel, basic pots make and brief description about terracotta). 		
Credits: 4	Core Course	
Max. Marks: 40+ 60	Min. Passing Marks:	
Total No. of Lecture- Tutorials-Practical (in hours per week- 8 hours) (96 Hours)		
Unit	Topic	No. of Practical Total- 96 Hrs
I	Basic Fundamentals of 3D Design • Introduction of 3D Design or sculpture, (forms, composition and importance)	8 Hours
II	3D Forms & Materials • Basic 3D forms process according to materials and its techniques.	8 Hours
III	Clay Modelling • Clay preparation, learn about creative forms like basic clay modelling.	24 Hours
IV	Relief in clay • Create relief in clay using tools and learn embossing and depth in clay.	16 Hours
V	Pottery	24 Hours

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	<ul style="list-style-type: none"> Clay preparation for terracotta pottery, coil and slab method pottery, create tea cup/flower pot. 	
VI	Pottery Wheel <ul style="list-style-type: none"> Clay preparation for work on pottery wheel, clay centering on wheel and create simple Diyas. 	16 Hours
Suggested Readings: <ol style="list-style-type: none"> Sculpting Techniques Bible -Claire Brown, Chartwell Books. Inc - 2006 Pottery- the essential manual- Doug Wensle, The Crowood Press- 2002 		
This course is Major Course as compulsory for the students		
Evaluation Method: Max. Marks 40 Assessment Type: Assignments (20 Marks) Assessment Type: Class Test (10 Marks) Assessment Type: Attendance (10 Marks)		
Suggested Equivalent online Course:		
Further suggestion: None		

6. STILL LIFE & LANDSCAPE

Programme/ Class: Certificate of Fine Arts	Year: I Year	Semester: Interior design
Subject: Core Course		
Course Code:	Course Title: 2D Design-Still life	
Course Out Come: 1 Knowledge of the smallest important lines from basic drawing 2 understanding the nuances of the subject building . 3 By understanding the various nuances of tone, you will learn to prepare the subject., 4 understand about shadow light 5. learning the finer points of Still life such as space division composition learning and understanding colors at different times .		
Credits: 4	Core Course	
Max. Marks: 40+ 60	Min. Passing Marks:	
Total No. of Lecture- Tutorials-Practical (in hours per week) 0-0-8		
Unit	Topic	No. of Practical
		Total - 90
Unit -1	Basic Drawing	18 hours
Unit -2	Object study	18 hours
Unit -3	Tonel value study	18 hours
UNIT - 4	Light and shads Study	18 hours
UNIT -5	Basic color scheme	18 hours
Suggested Readings: 1.Dynamic Still Life for Artists By - Sarah Sedwick 2.Still Life By- Sanjay Shelar 3.Still Life By- Sarah Winman		
This course is Major Course as compulsory for the students		
Evaluation Method: Max. Marks 40 Assessment Type : Assignments (20 Marks) Assessment Type : Class Test (10 Marks) Assessment Type : Attendance (10 Marks)		
Suggested Equivalent online Course: https://www.thoughtco.com/free-online-drawing-classes-1098200/		

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https://amityonline.com/lp/ba?utm_source=3&utm_campaign=navba&utm_medium={adgroup}&utm_keyword=online%20courses%20for%20ba%20students&gad=1&gclid=CjwKCAjwrranBhAEEiwAzbhNtYujkE3V9xdKjLJ8xC8vYIp7bsbpb-rqIVH2FGcwmk2jxfEARLoZKxoC43IQAvD_BwE
<https://www.skillshare.com/en/browse/tonal>
<https://www.domestika.org/en/courses/area/30-fine-arts>

Further suggestion: None

7. FOOD, NUTRITION AND HYGIENE

Programme/Class: Certificate in Diploma	Year: First	Semester: 1*
Co-Curricular Course		
Course Code: Z010101T	Course Title: Food, Nutrition and Hygiene	
Course outcomes:		
<ul style="list-style-type: none"> ○ To learn the basic concept of the Food and Nutrition ○ To study the nutritive requirement during special conditions like pregnancy and lactation ○ To learn meal planning ○ To learn 100 days Nutrition Concept ○ To study common health issues in the society ○ To learn the special requirement of food during common illness 		
Credits: 2	Compulsory	
Max. Marks: 25+75	Min. Passing Marks:	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 2-0-0		
Unit	Topics	No. of Lectures Total=30
I	Concept of Food and Nutrition <ul style="list-style-type: none"> • Definition of Food, Nutrients, Nutrition, Health, balanced Diet • Types of Nutrition-Optimum Nutrition, under Nutrition, Over Nutrition • Meal planning-Concept and factors affecting Meal Planning • Food groups and functions of food 	8
II	Nutrients: Macro and Micro RDA, Sources, Functions, Deficiency and excess of <ul style="list-style-type: none"> • Carbohydrate • Fats 	7
	<ul style="list-style-type: none"> • Protein • Minerals • Major: Calcium, Phosphorus, Sodium, Potassium Trace: Iron, Iodine, Fluorine, Zinc • Vitamins • Water soluble vitamins: Vitamin B, C Fat soluble vitamins: Vitamin A, D, E, K • Water • Dietary Fiber 	
III	1000 days Nutrition <ul style="list-style-type: none"> • Concept, Requirement, Factors affecting growth of child • Prenatal Nutrition (0 - 280 days): Additional Nutrients' Requirement and risk factors during pregnancy • Breast / Formula Feeding (Birth - 6 months of age) Complementary and Early Diet (6 months - 2 years of age) 	8
	Community Health Concept <ul style="list-style-type: none"> • Causes of common diseases prevalent in the society and Nutrition requirement in the following: <ul style="list-style-type: none"> • Diabetes • Hypertension (High Blood Pressure) Obesity 	

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IV	<ul style="list-style-type: none"> • Constipation Diarrhea Typhoid • National and International Program and Policies for improving Dietary Nutrition • Immunity Boosting Food 	7
Suggested Readings:		
<ol style="list-style-type: none"> 1. Singh, Anita, "Food and Nutrition", Star Publication, Agra, India, 2018. 2. 1000 Days - Nutrition Brief Brain-Think Babies FINAL.pdf 3. https://pediatrics.aappublications.org/content/141/2/e20173716 4. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5750909/ 5. Sheel Sharma, Nutrition and Diet Therapy, Peepee Publishers Delhi, 2014, First Edition. 		
Suggested Continuous Evaluation Methods:		
MCQs, Practical Diet/Meal Planning, assignments Presentations, group Discussion, Case study, Survey		
Suggested equivalent online courses:		
https://www.udemy.com/course/internationally-accredited-diploma-certificate-in-nutrition-diploma-in-human-nutrition-revised-offered-by-alison		

SEMESTER II

1. MATERIAL STUDIES & ITS APPLICATION-II (THEORY)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2 nd
INTERIOR DESIGN		
Course Code:	Course Title: Material Studies & its Application-II (Theory)	
Course outcomes:		
<ul style="list-style-type: none"> ○ To focus on latest trends in practice and usage of new technology/materials. ○ To study and compare the material and construction techniques. ○ To develop skill in interior designing and technical drawings. 		
Credits: 3	Core Compulsory	

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Max. Marks: 100

Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 40-5-0=45

Unit	Topics	No. of Lectures Total=45
I	Tile <ul style="list-style-type: none"> • Introduction to unit • types, properties • Uses, Classification, 	9+1+0=10
II	Timber & By products <ul style="list-style-type: none"> • Introduction to unit • To study its terminology • Classification, uses, defects, seasoning, it's by products. 	9+1+0=10
III	Architectural Glass <ul style="list-style-type: none"> • Introduction to unit • To study the composition, manufacturing • Types & uses of different types of architectural glass. 	9+1+0=10
IV	Paints Varnishes and Distemper <ul style="list-style-type: none"> • Introduction to unit • To learn about different types of paints • composition, defects • painting new & old surfaces 	13+2+0=15

Suggested Readings:

Suggested Digital Platform:

Sr. No.	Book	Author	Edition	Publication
1.	Engineering Materials	S.C. Rangwala	28th	Charatar Publishing house
2.	Building Materials	P.C. Uarghese	7th	Ashoke K. Ghosh
3	Building Materials	S.K. Duggal	3rd	New Age International

<https://www.cphbooks.in/product/engineering-materials-by-rangwala/>

<https://www.scribd.com/document/501253504/Building-Material-by-P-C-Verghese>

https://www.academia.edu/3747859/Building_Materials_3rd_Edition_by_S_K_Duggal

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2. CONSTRUCTION TECHNOLOGY-II (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2 nd
INTERIOR DESIGN		
Course Code:	Course Title: Construction Technology-II (Practical)	
Course outcomes:		
<ul style="list-style-type: none"> ○ Learn the use of technical terminology of interiors & architecture. Learn to graphically present the same. ○ Learn to graphically represent the construction materials ○ Understand the construction of Brick Masonry, types of brick masonries. ○ Understand the construction types of Stone Masonry & brick masonries. ○ Understand the construction of Foundation & Superstructure, types of foundations and the details about the entire one wall of a building. ○ Learn about the different parts of a building making it whole. 		

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Credits:3 (6)		Core Compulsory
Max. Marks: 100		Min. Passing marks: 40
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:10-5-30=45		
Unit	Topics	No. of Lectures Total=
I	Lintels: <ul style="list-style-type: none"> • Introduction to unit • To learn its function, location, material. • To learn to represent the same through drawing/drafting 	2+1+6=9
II	Arches: <ul style="list-style-type: none"> • Introduction to unit • To learn its function, terminology, location, materials & types (Basic Arches only) • To learn to represent the same through drawing/drafting 	2+1+6=9
III	Carpentry Joints <ul style="list-style-type: none"> • Introduction to unit, • To learn the different types of joints & to represent them graphically. • To learn to represent the same through drawing/drafting 	2+1+6=9
IV	Doors <ul style="list-style-type: none"> • Introduction to unit, • To study its terminology, function, sizes, location, materials, • types (Basic Flush and Panelled Door) • To learn to represent the same through drawing/drafting) 	2+1+6=9
V	Windows: <ul style="list-style-type: none"> • Introduction to unit, • To study its terminology, function, sizes, location, materials, • Types of Windows (Casement, Louvered Windows only) • To learn to represent the same through drawing/drafting 	2+1+6=9

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Building construction	B.C.Punmia	10th	Laxmi publication
2.	Building construction	S.C.Rangwala	29th	Charatar publication
3.	A Text Book of Building Construction	S.P.Arora, S.P.Bindra	5th	Dhanpat Rai publication

Suggested Digital Platform:

<https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285>

<https://www.cphbooks.in/product/engineering-materials-by-rangwala/>

<https://dhanpatrai.com/Catalogue.pdf>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

8. DESIGN STUDIO-I (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2 nd
INTERIOR DESIGN		

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Course Code: _____

Course Title: Design Studio-I (Practical)

Course outcomes:

The student at the completion of the course will be able to:

- Create a visual language based on concept development.
- Understand the critical issues of human anthropometrics.
- Understand the process of literature study and case study analysis in design projects.
- Develop and critique concepts diagrams.
- Integrate concepts into planning design decisions.

Credits: 4 (8)

Core Compulsory

Max. Marks: 100

Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-52=60

Unit	Topics	No. of Lectures = 60
I	<p>Introduction to Design Process</p> <ul style="list-style-type: none"> ● Introduction of Design problem. ● Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. ● Discussion based on the existing exercise and the understanding of students. ● Student will understand the basics of design problem, which will include different types of stages of design and how the process works. 	2+0+ 1 = 3
II	<p>Introduction to design Project - Study Area/Room</p> <ul style="list-style-type: none"> ● To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. ● Literature/Case Studies <ul style="list-style-type: none"> ➤ Understanding the role & process of a case study and choose the relevant case examples related to your project. ● Design Concept -Developing concepts for the design project. <ul style="list-style-type: none"> ➤ To help students evolve their design by understanding relationship between form, function and space and explain design idea with the help of sketches. <p>Layout Plans& drawings – Plan, Sectional Elevation</p>	2+0+ 17=19
III	<p>Introduction to design Project - Teenager's Room</p> <ul style="list-style-type: none"> ● To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. ● Literature/Case Studies <ul style="list-style-type: none"> ➤ Understanding the role & process of a case study and choose the relevant case examples related to your project. ● Design Concept -Developing concepts for the design project. <ul style="list-style-type: none"> ➤ To help students evolve their design by understanding relationship between form, function and space and explain design idea with the help of sketches. <p>Layout Plans& drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings & Isometric view.</p>	2+0+ 17 =19
IV	<p>Introduction to design Project – Drawing Room & Dining Area</p> <ul style="list-style-type: none"> ● To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. ● Literature/Case Studies <ul style="list-style-type: none"> ➤ Understanding the role & process of a case study and choose the relevant case examples related to your project. ● Design Concept -Developing concepts for the design project. <ul style="list-style-type: none"> ➤ To help students evolve their design by understanding relationship between form, function and space and explain design idea with the help of sketches. <p>Layout Plans& drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings & Isometric view.</p>	2+0+ 17 = 19

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Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	FORM, SPACE, AND ORDER	Francis D.K. Ching		
2.	Interior Design Reference Manual.	Ballast, David Kent	2010	Belmont, CA: Professional Publications Inc.
3.	Rendering with pen and ink ROBERT W. GILL How to design a Chair.	Design Museum		
4.	A Short History of an Idea Home	Witold Rybczynski		

Suggested Digital Platform:

- <https://kraftivo.in/interior-design-guide/>
- <https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa>
- <https://in.pinterest.com/erinloechner/interior-design-ideas/>
- <https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings.

9. BASICS OF COMPUTER APPLICATION (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2 nd
INTERIOR DESIGN		
Course Code:	Course Title: Basics of Computer application (Practical)	
Course outcomes:		
<ul style="list-style-type: none"> o Demonstrate the usage of Basic English grammar like nouns, verbs, adverbs, etc. and components of effective communication using various tools of effective speech. o To comprehend and write effective reports, design documentation and also make effective visual and verbal presentations. o To learn basics about computer and its application in documentation and writing. o To gain proficiency in using Microsoft Office and other similar software. o To become acquainted with design vocabulary. 		
Credits: 3	Core Compulsory	
Max. Marks: 100	Min. Passing Marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: P: 8-3-34=45		
Unit	Topics	No. of Lectures
1	Introduction: Brief overview of computer components – ROM, RAM, input devices, output devices, platform setc. • Knowledge on basic hardware and software required for Design applications. MS office, photo editing techniques, use of World Wide Web.	2+1+ 12=15
2	Multi-media Presentations: (MS Office) • MS Word- Introduction to MS Word, Page Layout and Paragraph, Tables, Mail Merge, Introduction to Mail Merge, Working with Mail Merge, pasting of pictures in word document and how to filter the pictures. • MS PowerPoint - Introduction to MS Power Point, Slide Management, Navigation schemes, Applying and modifying designs, Graphics & Multimedia,	4+2+ 14 =20

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	<p>Creating presentation for the web. Pasting of pictures in slides and how to filter the pictures.</p> <ul style="list-style-type: none"> MS Excel- Introduction to MS Excel, Formatting worksheet & printing worksheet, Charts Terminology, Working with Macros 	
3	<p>Internet Concepts Use of internet, various search engines, searching strategies, saving images and documents from internet in different formats, e-mails, conferencing etc.</p>	2+0+8=10

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Effective Technical Communication	M. Ashraf Rizvi	2005	Tata McGraw-Hill

Suggested Digital Platform:

<https://www.youtube.com/watch?v=fcB0nkDik8>

<https://www.youtube.com/watch?v=RXv uIN6e-Y>

This Major (Course Paper) is compulsory for all the students those are taking admission during Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings.

5. 3D DESIGN-II

Programme/ Class: Certificate of Fine Arts	Year: BFA Foundation	Semester: 2 nd
Subject: Core Course/Major		
Course Code: BFA-103CC3	Course Title: 3D Design-II	
Course Out Come:		
<ul style="list-style-type: none"> Develop advance creativity through Paper sculpture and & paper mache to create 3d Form. To create interest among children towards decorative sculpture and enable them to convert their innovative ideas into 3D artworks. Students will learn about plaster and its uses and practical how they are used for casting in sculpture? Students will learn about tile casting in plaster to learn about carving. Practically will know about carving tools and process of tile carving on plaster tile Students will learn about mold and casting and mold their own hands as a plaster replica. 		
Credits: 4	Core Course	
Max. Marks: 40+ 60	Min. Passing Marks:	
Total No. of Lecture- Tutorials-Practical -		
Unit	Topic	No. of Practical Total- 96 Hrs
I	<p>Paper sculpture & Paper mache</p> <ul style="list-style-type: none"> Create a sculpture using paper, foil, fevigum, adhesive tape etc. 	20 Hours
II	<p>Craft based sculpture/ Decorative sculpture</p> <ul style="list-style-type: none"> Craft based Sculpture like paper, card board, wood & craft materials 	20 Hours
III	<p>Plaster casting</p> <ul style="list-style-type: none"> Simple plaster casting using Solid forms and colour it. 	12 Hours
IV	Plaster tile making	8 Hours

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	<ul style="list-style-type: none"> • Create plaster tile slab in square or rectangle size 	
V	Plaster tile carving <ul style="list-style-type: none"> • Create plaster tile slab and carve 2 d relief composition like geometrical pattern or floral design. 	24 Hours
VI	Caste your hand in plaster <ul style="list-style-type: none"> • Clay mould, Hand Casting in plaster 	12 Hours
Suggested Readings:		
1. Sculpting Techniques Bible -Claire Brown, Claire Brown		
2. Sculpting the human figure – John Mills – The Crow wood Press- 2006		
This course is Major Course as compulsory for the students		
Evaluation Method: Max. Marks 40		
Assessment Type - Assignments (20 Marks)		
Assessment Type- Class Test (10 Marks)		
Assessment Type - Attendance (10 Marks)		
Suggested Equivalent online Course:		
Further suggestion: None		

6. ENGLISH

Programme/Class: Certificate in Interior Design		Year: First	Semester: 2nd
INTERIOR DESIGN			
Course Code:		Course Title: English (Theory)	
Course outcomes:			
Students will be able to:			
1. Project the first impression			
2. Use polite expressions to establish basic social contact and to perform everyday functions including making requests and offers, asking about price, ordering a meal, etc.			
3. Students learn to use general, social and professional language.			
4. Behave appropriately in social and professional circles.			
5. Handle difficult situations with grace style and professionalism.			
Credits:		Core Compulsory	
Max. Marks:		Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:			
Unit	Topics		No. of Lectures
I	Module 01 – Grammar <ul style="list-style-type: none"> • Sentence and kinds • Review –Parts of Speech • Tenses • Determiners • Subject Verb Agreement 		
II	Module 02 – Reading and Writing <ul style="list-style-type: none"> • Reading Comprehension • Application and letter writing • Resume writing • Reporting Writing-Events etc. 		
III	Module 03 – Self Introduction <ul style="list-style-type: none"> • Introducing self • Speaking about achievements • Voicing future aspects 		
IV	Module 04 – Non verbal Communication <ul style="list-style-type: none"> • Body Language 		

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	Paralanguage skills	
V	Module 05 – Manners and Etiquettes <ul style="list-style-type: none"> • Personal grooming • Dress code • Professional etiquettes 	
IV	Module 06 – Public Speaking skills <ul style="list-style-type: none"> • Extempore • Role Play • Group Discussion Practical Assessment <ul style="list-style-type: none"> • Presentations, Group Discussions 	
Books Recommended <ol style="list-style-type: none"> 1. An introduction to Professional English and Soft Skills by B. K. Das et al., Cambridge University Press. 2. Technical Communication: Principles and Practice, Second Edition by Meenakshi Raman and Sangeeta Sharma, Oxford Publications. 3. Effective Technical Communication by M Ashraf Rizvi, The McGraw-Hill companies. 4. Understanding Body Language by Alan Pease. 5. Communicative Grammar of English by Geoffrey Leech and Ian Svartik. 6. Better English Pronunciation by J.D.O'Connor. 7. English Grammar by Wren and Martin. 8. Strengthen Your English, M. Bhaskaran and D. Horsburgh, Oxford University Press, Delhi 1973 		

7. VOCATIONAL COURSE- CLAY MODELING- I

Programme/ Class:		Year:	Semester: First (I)
		Subject: Vocational Course	
Course Code:		Course Title: Clay Modeling	
Course Out Come:			
<ol style="list-style-type: none"> 1. Student will practically know about basics about clay and Basic sculpture. 2. Practically know about base Relief and Low relief modeling in clay. 3. Learn Manual Pottery methods in clay 4. Learn pots making on pottery wheel. 			
Credits: 4		Vocational Course	
Max. Marks: 40+ 60		Min. Passing Marks:	
Total No. of Lecture- Tutorials-Practical (in hours per week- 8 hours) (96 Hours)			
Unit	Topic	No. of Practical Total- 96 Hrs	
I	Clay <ul style="list-style-type: none"> • Introduction about clay • Clay preparation • Learn from craft (basic clay modeling) • Basic sculpture(Solid Modeling) 	24 Hours	
II	Relief in clay <ul style="list-style-type: none"> • Create relief in clay using tools and learn embossing and depth in clay. • Low relief and Base Relief in clay 	24 Hours	
III	Pottery <ul style="list-style-type: none"> • Clay preparation for terracotta pottery • Pinch method • Coil Method 	24 Hours	

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	<ul style="list-style-type: none"> • Slab Method 	
IV	<ul style="list-style-type: none"> • Pottery Wheel • Basic shapes of pot on Wheel • Creativity on pottery wheel 	24 Hours
Suggested Readings:		
10. Sculpting Techniques Bible -Claire Brown, Chartwell Books. Inc - 2006		
11. Pottery- the essential manual- Doug Wensle, The Crowood Press- 2002		
This course is Major Course as compulsory for the students		
Evaluation Method: Max. Marks 40		
Assessment Type : Assignments (20 Marks)		
Assessment Type : Class Test (10 Marks)		
Assessment Type : Attendance (10 Marks)		
Suggested Equivalent online Course:		
Further suggestion: None		

DIPLOMA IN INTERIOR DESIGN

Program Outcomes (POs)

- Students will get to learn digital designing for Interior Design industry.
- Students will be skilled with pattern making techniques.
- Students will acquire knowledge of Interior Design Drafting and Rendering computer software.
- Students will get introduced to various fabrics and textiles.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- Students will get acquainted with basics, ethics and concepts of fashion design.
- Design and develop the strategies required to manage the garment and fashion industries.
- Students will be able to solve the real time problems related to the above industries.

Semester	Category	Subject	Course Code	Paper Title	Theory/Practical	Marks	Credit
III	Major	I	B.Sc-ID-301	Interior Furnishing	Theory	100(25+75)	3

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	Major	II	B.Sc-ID-311	Construction Technology-III	Practical	100 (25+75)	3
	Major	III	B.Sc-ID-312	Computer in Design-I (Auto-CAD)	Practical	100 (25+75)	3
	Major	IV	B.Sc-ID-313	Design Studio-II	Practical	100 (25+75)	3
	Major	V	B.Sc-ID-314	Digital Audio & Video	Practical	100 (25+75)	6
	Minor/Elective	I		(Swayam / Mooc)	Theory	100 (25+75)	3
	Vocational	Voc-3		Graphic Designing	Practical	100 (25+75)	3
	Co-Curricular	Co-C-3		Human Values Env. Studies	Theory	100 (25+75)	2
IV	Major	I	B.Sc-ID-401	History of Interior Design & furniture	Theory	100 (25+75)	3
	Major	II	B.Sc-ID-411	Furniture Design-I	Practical	100 (25+75)	3
	Major	III	B.Sc-ID-412	Computer in design-II (Photoshop)	Practical	100 (25+75)	4
	Major	IV	B.Sc-ID-413	Design studio-III	Practical	100 (25+75)	4
	Major	V	B.Sc-ID-414	Design Through colour Application	Practical	100 (25+75)	4
	Minor/Elective	I		(Swayam / Mooc)	Theory	100 (25+75)	1
	Vocational	Voc-4		Photo & Videography	Practical	100 (25+75)	3
	Co-Curricular	Co-C-4		Physical Education- Yoga	Theory	100 (25+75)	2
				Total			50

SEMESTER III

1. INTERIOR FURNISHING (THEORY)

Programme/Class: Diploma in Interior Design		Year: Second	Semester: 3rd
INTERIOR DESIGN			
Course Code:		Course Title: Interior Furnishing (Theory)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ Understand the material used for making carpets, Upholstery, Rugs & Durries, Drapery & curtains. ○ Understand different fabrics available & their uses accordingly. ○ Know about methods of construction and their classification. ○ Learn the distinguish features between upholstery & drapery. 			
Credits:3		Core Compulsory:	
Max. Marks: 100		Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 40-05-0=45			
Unit	Topics		No. of Lectures

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	Carpets: <ul style="list-style-type: none"> • Introduction & History of carpets • Uses • Types of carpets available in the market • Understanding different technique & Material used for construction. 	8-1-0=9
II.	Upholstery: <ul style="list-style-type: none"> • Definition & History of upholstery • Uses of upholstery • Materials used in upholstery. • Styles of upholstery. • Importance of upholstery in interior design. 	12-1-0=13
III.	Rugs and Durries: <ul style="list-style-type: none"> • Definition & their history in India. • Different sizes of rugs and durries available in the market. • Uses of Rugs and durries. • Construction technique. • Importance of Rugs and durries in interior design. 	14-2-0=16
IV.	Drapery & Curtains: <ul style="list-style-type: none"> • Different fabrics available & their uses accordingly. • Different styles. 	6-1-0=7

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Furniture For Interior Design	Sam Booth & Drew Plunket	2014	Laurence King Publishing Ltd.

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

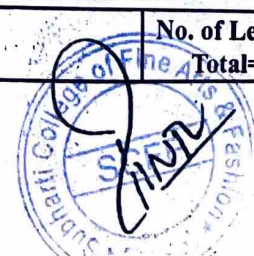
Course pre requisites: The eligibility for this paper is 10+2 with any subject.

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings of furniture.

2. CONSTRUCTION TECHNOLOGY-III (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code:	Course Title: Construction Technology-III (Practical)	
Course outcomes:		
<ul style="list-style-type: none"> ○ Understand properties of basic building materials, construction and their application in interior Spaces ○ Develop critical appreciation and understanding of staircase. ○ Learn to Design & Draft the False Ceiling. Demonstrate knowledge of structural and functional principles for interior architecture and design. ○ Demonstrate knowledge of structural and functional principles for interior architecture and design. ○ Learn to design Panelling in the given area. 		
Credits:3 (6)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 10-5-30=45		
Unit	Topics	No. of Lectures Total=90

Delhi



I	Flooring <ul style="list-style-type: none"> • Introduction to unit. • Learn to graphically represent & design flooring with different types of materials. • To learn to represent the same through drawing/drafting. 	2+1+6=9
II	Staircase <ul style="list-style-type: none"> • Introduction to unit, • To study its terminology, location, requirement of good staircase, • Classification, sizes, computing of RCC staircase (dog legged, open well, straight flight only). • To learn to represent the same through drawing/drafting. 	2+1+6=9
III	False Ceiling <ul style="list-style-type: none"> • Introduction of unit. • Typical details, various types of false ceiling. • Application of various types of materials in false ceiling. • To learn to design & to represent False Ceiling for the given space. • To learn to represent the same through drawing/drafting. 	2+1+6=9
IV.	Partition <ul style="list-style-type: none"> • Introduction to unit • Types of partitions, typical details • Fixtures of various partitions and its specifications. • To learn to represent the same through drawing/drafting. 	2+1+6=9
V	Paneling <ul style="list-style-type: none"> • Introduction to unit • To make technically correct drawings of the panelling with different materials. • To learn to represent the same through drawing/drafting. 	2+1+6=9

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Building construction	B.C.Punmia	10 th	Laxmi publication
2.	Building construction	S.C.Rangwala	29 th	Charatar publication
3.	A Text Book of Building Construction	S.P.Arora, S.P.Bindra	5 th	DhanpatRai publication

Suggested Digital Platform:

<https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285>
<https://www.cphbooks.in/product/engineering-materials-by-rangwala/>
<https://dhanpatrai.com/Catalogue.pdf>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the end of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design and the construction techniques.

3. DESIGN STUDIO-II (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second Year	Semester: 3 rd
INTERIOR DESIGN		

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Course Code:

Course Title: Design Studio-II (Practical)

Course outcomes:

The student at the completion of the course will be able to:

- Understand the process of literature study and case study analysis in design projects.
- Observe, research, document, and apply ergonomic and anthropometric aspects of interior design with respect to individual habitats.
- Understand the relationship between scale, volume, activity, sequence of movement, perception, and aesthetic principles within individual spaces.
- To understand all the dynamics involved within the design problem introduced.
- To impart an understanding of perception of interior space through design elements.

Credits: 3 (6)

Core Compulsory

Max. Marks: 100

Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 3-0-42=45

Unit	Topics	No. of Lectures = 45
I	Introduction to Design Process <ul style="list-style-type: none"> • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students. 	1+0+ 0 =1
II	Introduction to design Project – Mall kiosks Display To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. <ul style="list-style-type: none"> • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a kiosk Display. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. [Note:- Area not more than 10 mt.sq.] 	1+0+21 = 22
III	Introduction to design Project - Combined Spaces Studio/Bachelor's Apartment <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of aInterior Designer Office. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. 	1+0+21 = 22

Suggested Readings:

1. Ching, Francis D.K. Form Space & Order.
2. Rasmussen. E. Experiencing Architecture.
3. Zevi, Bruno. Space Time and Architecture.
4. Pandya, Yatin. Elements of Space-making

Suggested Digital Platform:

<https://kraftivo.in/interior-design-guide/>

<https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa>

<https://in.pinterest.com/erinloechner/interior-design-ideas/>

<https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

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Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Designs and understand the concepts of designing.

4. COMPUTER IN DESIGN-I [AUTOCAD] (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code:	Course Title: Computer in Design-I [AutoCAD] (Practical)	

Course outcomes:

The student at the completion of the course will be able to:

- Identify the process of visualizing in depth and detail in AutoCAD and related software's.
- Develop an understanding of AutoCAD as a vital tool that aids the designer in visualizing, detailing, costing and presenting interior design projects.
- Demonstrate an understanding of the symbiosis of conceptual and technical skills required by a designer, to cope with industry changes, and the impact of new technologies.
- Understand the role of AutoCAD in the ongoing evolution of the practice of Interior design.

Credits:3	Core Compulsory
Max. Marks: 100	Min. Passing marks:40
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-45=45	

Unit	Topics	No. of Lectures=45
1	Introduction of CADD & its importance in designing <ul style="list-style-type: none"> • Function keys, Shortcut keys • Different sizes of paper • CADD Application & its features • Use of drawing elementary CADD commands – Line, Polyline, Polygon, Circle, Arc, Ellipse, Text etc. • Use of modifying Elementary Commands – Erase, Move, Copy, Mirror, Offset, Scale, Stretch, Chamfer, fillet & explode. • Making layers, line type & Line weight. • Different menus of Auto-Cad, Function keys, Shortcut keys, Paper size. 	0-0-25=25
2	Drafting Techniques <ul style="list-style-type: none"> • Practice on Drawing basics • Geometrical Drawing Practice • Making plan and projection • Drafting of building plan, Elevation, Section Views. 	0-0-20=20

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Principles Of Computer Programming	V. Rajaraman,		Prentice Hall of India
2.	Auto CAD Reference Manual		1998	Autodesk UNC

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings with the help of AutoCAD software.

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5. Digital Audio & Video Editing

Programme/Class: Diploma in Animation	Year: Second	Semester: Third
Course Code:	Course Title: Digital Audio & Video Editing	
Course outcomes: The Student at the completion of the course will be able to: -The objective of this course is to provide an introduction to Audio and Video editing using tools and techniques prevalent in the industry.		
Credits: 6	Core Course	
Max. Marks:	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (In hours per week): L-T-P: 4-0-4		
Unit	Topics	No. of Lectures
I	Introduction to Audio and its digital representation <ul style="list-style-type: none"> • Digitization • AV data from tape to computer hard disk • Understanding the playback deck, understanding signal processing of S-video, fire wire and composite video. • Editing Work Station management – disk space & speed requirement. • Broadband and streaming video technology. • Using Editing Software – editing basics and implementation of various techniques used in non-linear editing. • Mastering final edit line – audio levels, color correction, audio mixing, mixed and un-mixed versions, importing and applying compatible graphics files. 	10 hrs
II	Digital Audio recording, Editing and Reproduction <ul style="list-style-type: none"> • Basic art of filmmaking, using currently available digital software/hardware tools. • Overview of preproduction planning- program ideas, production models, Preproduction & Post-Production activities Writing the program proposal, preparing a budget, presenting the proposal. • Writing the script, Director's roles & procedures, Visualization & sequencing, Shooting, Aesthetics of Editing, Role of audio & effects, Mix and composite, source material into a finished fine edit product. 	
III	Concepts of Compositing <ul style="list-style-type: none"> • Projects • Composition basics • Recomposing, nesting, and pre-rendering 	



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IV	Animation and keyframes <ul style="list-style-type: none"> • Animation basics • Setting, selecting, and deleting keyframes • Editing, moving, and copying keyframes • Assorted animation tools • Keyframe interpolation • Speed • Time-stretching and time-remapping • Animating with Puppet tools • Tracking and stabilizing motion • Drawing, painting, and paths • Paint tools: Brush, Clone Stamp, and Eraser • Overview of shape layers, paths, and vector graphics • Creating shapes and masks • Managing and animating shape paths and masks • Shape attributes, paint operations, and path operations for shape layers 	
V	Video Editing – <ul style="list-style-type: none"> • Media Management • Working in the audio • Effects & Transition • Animation • Titles 	
Suggested Readings: <ol style="list-style-type: none"> 1. Digital Audio Editing: Correcting and Enhancing Audio in Pro Tools, Logic Pro, Cubase, and Studio One Paperback – Illustrated, 14 November 2013 by Simon Langford. 2. Digital Audio Editing Fundamentals Paperback – Import, 16 December 2015 by Wallace Jackson 		
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Animation.		
Suggested Continuous Evaluation Methods: Class Performance/ Practical Exam/ Assignment Submission/ Viva/ Attendance		
At the End of the whole syllabus any remarks/ suggestions:		

6. HUMAN VALUES AND ENVIRONMENT STUDIES

Programme/Class: Certificate in Interior design	Year:Second	Semester:Third
Co-Curricular Course		
Course Code: Z030301	Course Title: Human Values and Environment studies	
Course outcomes: The mission of the course on Human Values and Environmental Studies is to create morally articulated solutions to be truthful and just and to become responsible towards humanity. The course seeks to establish a continuous interest in the learner to improve their thought process with intent to develop a new generation of responsible citizens capable of addressing complex challenges faced by the society due to disruptions in human interactions effecting human values. This course works towards <ul style="list-style-type: none"> • Building fundamental knowledge of the interplay of markets, ethics, and law, 		

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- Look at various challenges faced by individual to counter unethical issues
- Look at core concepts for business ethics
- Look at core concepts of anti-corruption
- Look at core concepts for a morally articulated solution to environmental management issues in general,
- Issues of sustainable development for a better environment.
- To know how environmental degradation has taken place.
- Be aware of negotiations and international efforts to save environment.
- How to develop sustainably?
- Efforts taken up by UN in Sustainable Development.
- Efforts taken by India in Sustainable Development.
- The course intends to create a sense of how to be more responsible towards the environment. Upon finishing of the course students will be able to come up with using ethical reasoning for decision making and frame ethical issues as well as operationalize ethical choices. The course integrates various facets of human values and environment.

Credits:2

Max.Marks: 100

Min.PassingMarks:40

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 2-0-0

Asthe course requires two areas of Human Values and Environment Studies institutions can even opt for a parallel delivery.

Unit	Topics	No. of Lectures Total=30
I	Human Values-Introduction-Values, Characteristics, Types, Developing Value system in Indian Organisation, Values in Business Management, value based Organisation, Trans-cultural Human values in Management. Swami Vivekananda's philosophy of Character Building, Gandhi's concept of Seven Sins, APJ Abdul Kalam view on role of parents and Teachers.	02
	Human Values and Present Practices-Issues: Corruption and Bribe, Privacy Policy in Web and Social media, Cyber threats, Online Shopping etc. Remedies UK Bribery Act, Introduction to sustainable policies and practices in Indian Economy.	02
	Principles of Ethics Secular and Spiritual Values in Management-Introduction-Secular and Spiritual values, features, Level of value Implementation. Features of spiritual Values, Corporate Social Responsibility-Nature, Levels, Phases and Models of CSR, Corporate Governance. CSR and Modern Business Tycoons Ratan Tata, Azim Premji and Bill Gates.	03
II	Holistic Approach in Decision making-Decision making, the decision making process, The Bhagavad Gita: Techniques in Management, Dharma and Holistic Management.	03
	Discussion through Dilemmas - Dilemmas in Marketing and Pharma Organizations, moving from Public to Private-monopoly context, Dilemma of Privatisation, Dilemma on liberalization, Dilemma on social media and cyber security, Dilemma on Organic food, Dilemma on standardization, Dilemma on Quality standards. Case Studies	02
III	Ecosystem: Concept, structure & functions of ecosystem: producer, consumer, decomposer, food web, food chain, energy flow, Ecological pyramids Conservation of Biodiversity- In-situ & Ex-situ conservation of Biodiversity Role of individual in Pollution control Human Population & Environment Sustainable Development India and UN Sustainable Development Goals Concept of circular economy and entrepreneurship	7

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IV	Environmental Laws? International Advancements in Environmental Conservation Role of National Green Tribunal Air Quality Index Importance of Indian Traditional knowledge on environment	8
V	Bio assessment of Environmental Quality Environmental Management System Environmental Impact Assessment and Environmental Audit	
Suggested Readings: <ol style="list-style-type: none"> 1. A foundation course in Human Values and Professional Ethics by RR. Gaur, R. Sangalet. al 2. JUSTICE: What's the Right Thing to Do? Michael J. Sandel. 3. Human Values by A. N. Tripathi New Age International 4. Environmental Management by N.K. Uberoi 5. https://www.un.org/sustainabledevelopment/sustainable-development-goals/ 6. https://www.india.gov.in/my-government/schemes 7. https://www.legislation.gov.uk/ukpga/2010/23/contents 8. Daniel Kahneman, Thinking, Fast and Slow; Allen Lane Nov 2011 ISBN: 9780141918921 		
Suggested Continuous Evaluation Methods: In addition to the theoretical inputs the course will be delivered through case studies and dilemmas. Assignments, Presentation, Group Discussions. This will instill in student a sense of decision making and practical learning. The course participants can be evaluated on the following structure. <ul style="list-style-type: none"> ➤ Assignments (10) ➤ Presentation (10) ➤ Attendance (5) ➤ Final exam (75) 		

SEMESTER IV

1. FURNITURE DESIGN-I (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 4th
INTERIOR DESIGN		
Course Code:	Course Title: Furniture Design-I (Practical)	
Course outcomes: <ul style="list-style-type: none"> ○ To impart the knowledge of various styles, systems and products available in the market. ○ Enhances the knowledge of ergonomics, materials, design and working parameters in designing furniture. ○ To gain knowledge about the history of furniture. ○ To identify different furniture systems. ○ To know about the furniture detailing & its construction. To learn to implement furniture design into design project. 		

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- Learn to create different designs for the given technical drawings and furniture piece.
- Learn to create different designs for the given furniture piece.

Credits:3 (6)		Core Compulsory		
Max. Marks: 100		Min. Passing marks:		
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 12-1-32=45				
Unit	Topics			No. of Lectures Total=45
I	Introduction <ul style="list-style-type: none"> • Introduction to unit, • Exploration of the idea of furniture, role of furniture in interior design, • Application in furniture design. • Overview of Furniture categories. • Learn to graphically represent & design different types of materials. 			2+0+0=2
II	History of Furniture <ul style="list-style-type: none"> • Awareness of the relationship of design history in order to create new designs in furniture. • Furniture designers and movements. 			2+1+0=3
III	Furniture Systems <ul style="list-style-type: none"> • Furniture design for various context and spaces – residences, corporate, commercial etc. • Multi-functional & space-saving furniture; modular approach to furniture design. 			2+0+0=2
IV	Furniture Detailing and Construction <ul style="list-style-type: none"> • Introduction to unit, • Introduction to different materials • Joinery details and manufacturing methods. 			2+0+0=2
V	Implementation in Design Problem <ul style="list-style-type: none"> • Exercise oriented by innovative explorations, observation and constrains, to design furniture, by providing measured drawing – plan, elevation, Iso-metric view (3d) and detailing on full scale, supported by prototype. 			2+0+2=2
VI	Design Problem-I (Bedroom Furniture) <ul style="list-style-type: none"> • Bed & Bedside Table • Cabinet • Seating • Dressing Table • LCD/TV Panel 			1+0+16=17
VII	Design Problem-I (Living Room Furniture) <ul style="list-style-type: none"> • Sofa • Centre Table • Lounge • Credenza/ Console • Showcases, etc 			1+0+16=17
Suggested Readings:				
Sr. No.	Book	Author	Edition	Publication
1.	The Encyclopaedia of Furniture	Joseph Aronson	Third Edition 1961	-
2.	Mid-Century Modern: Interiors, Furniture, Design Details	Bradley Quinn	2006	-
3.	Furniture: A Concise History (World of Art)	Edward Lucie Smith	1985	Thames and Hudson
Suggested Digital Platform:				
https://www.abebooks.com/9780517037355/Encyclopedia-Furniture-Third-Edition-Completely-0517037355/plp				

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<https://www.barnesandnoble.com/w/mid-century-modern-bradley-quinn/1012336588>

<https://www.thriftbooks.com/w/furniture-a-concise-history-world-of-art-edward-lucie-smith/308521/>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2. DESIGN STUDIO-III (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second Year	Semester: 4th
INTERIOR DESIGN		
Course Code:	Course Title: Design Studio-III (Practical)	
<p>Course outcomes:</p> <p>The student at the completion of the course will be able to:</p> <ul style="list-style-type: none"> ○ Understand the process of literature study and case study analysis in design projects. ○ To understand all the dynamics involved within the design problem introduced. ○ To learn to transfer the conceptual idea into drawings & prepare technical design drawings for a workspace and detailed design ○ To impart an understanding of perception of interior space of residential project through design elements. ○ Learn about spatial planning of a given residence design exercise. <p>The student at the completion of the course will be able to:</p> <ul style="list-style-type: none"> ○ To be able to open up with new approaches of design ○ To develop skill in garment and figure drawing. ○ To be able to create advance fashion figures. 		
Credits: 4 (8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37=60		
Unit	Topics	No. of Lectures = 60
I	<p>Introduction to Design Process</p> <ul style="list-style-type: none"> • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students. 	2+0+ 0 =2
II	<p>Introduction to design Project -Residential Project in Two levels</p> <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a Studio Apartment. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. 	2+0+ 56 = 58
<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. Ching, Francis D.K. Form Space & Order. 2. Rasmussen. E. Experiencing Architecture. 		

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3. Zevi, Bruno. Space Time and Architecture.

4. Pandya, Yatin. Elements of Space-making

Suggested Digital Platform:

<https://kraftivo.in/interior-design-guide/>

<https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa>

<https://in.pinterest.com/erinloechner/interior-design-ideas/>

<https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

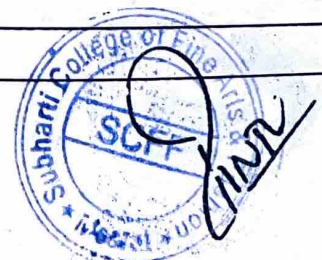
Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

3. COMPUTER IN DESIGN-III [PHOTOSHOP] (PRACTICAL)

Programme/Class: Diploma in Interior Design		Year: Second	Semester: 4th
INTERIOR DESIGN			
Course Code:		Course Title: Computer in Design-III [Photoshop] (Practical)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none">○ Learn how to render the given drawing digitally.○ To enhance presentation, improve visualization of drawings and design as per the requirements.○ To create a render plan of landscapes and make your project very good looking and also adding textures, colors, day & night, fog, lighting and sunset effects in any design.			
Credits: 4(8)		Core Compulsory	
Max. Marks: 100		Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-29=45			
Unit	Topics		No. of Lectures = 45
1	1. Introduction of Photoshop <ul style="list-style-type: none">• To understand the application of working in Photoshop Introduction to interface. 2. Layers panel <ul style="list-style-type: none">• Create new layers. Properties of the layers, like how to change the thumbnail size, setting colours to thumbnails• Importance of naming layers, locking the layer, toggling the visibility of layers• - Import images and objects into photoshop x3 ways and move layers. 3. Move tool and Transformations (V/Ctrl+T) 4. Selection tools (M,L,W) 5. To Fill colour		2-0-18=20
	1. Plan Rendering <ul style="list-style-type: none">• Artistic Render Using Brushes, Gradients, Layer Styles, Image Adjustments.• Layer Style 2. Section Rendering <ul style="list-style-type: none">• Raster Painting Tools 3. Perspective Render		4-0-21=25
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.			
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance			
Course prerequisites: The eligibility for this paper is 10+2 with any subject			

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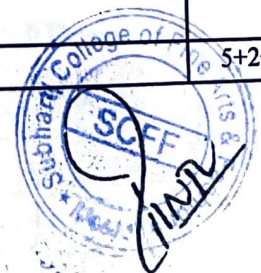


At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design in Google Sketchup 3D software.

4. HISTORY OF INTERIOR DESIGN (THEORY)

Programme /Class: Diploma in Interior Design		Year: Second	Semester: 2nd
INTERIOR DESIGN			
Course Code:		Course Title: History of interior design (Theory)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ The course on History of Architecture develops appreciation regarding past and current trends in the field of architecture. ○ The knowledge of the journey of furniture from Prehistoric to Modern day. To study different styles of furniture through different eras. Learn the changes in furniture as per the eras. ○ The knowledge of this course will help the students to understand how political, physical, social, economic and technological change affect the architecture, materials construction techniques, different types of furniture and interior design of spaces. 			
Credits: 3		Core Compulsory	
Max. Marks: 100		Min. Passing marks:40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 31-14-0=45			
Unit	Topics		No. of Lectures = 45
I	Prehistoric & Primitive Designs <ul style="list-style-type: none"> • Prehistory to Early civilizations, Prehistoric Interiors, Archeological evidence. • Evidence from Tribal Arts Cultures, pattern and Furniture Design. • The first permanent settlement, Mesopotamia and China. • To learn how the need of furniture developed in brief. 		2+2+ 0 =4
II	Ancient World To comprehend the unique aspects of interiors and furniture, as well as the evolution of furniture and interior design elements & ornaments during these periods. <ul style="list-style-type: none"> • Egyptian • Greek • Roman 		5+2+ 0=7
III	Middle Ages To comprehend the unique aspects of interior and furniture, as well as the evolution of furniture and interior design elements and ornaments during these periods. <ul style="list-style-type: none"> • Christian • Byzantine • Gothic 		5+2+ 0 =7
IV	Renaissance To comprehend the unique aspects of interior and furniture, as well as the evolution of furniture and interior design elements and ornaments during these periods. <ul style="list-style-type: none"> • Early • High • Baroque • Rococo 		5+2+ 0 =7
V	Industrial To grasp the unique attributes of the arts and crafts during this era, along with the evolution of artistic and artisanal endeavours. <ul style="list-style-type: none"> • Art Nouveau • Arts & craft 		5+2+ 0 =7
VI	Twentieth century		5+2+ 0 =7

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	To understand the distinctive characteristics of interior design and furniture, as well as the changes in furniture and the decorative elements of interior design throughout twentieth century. <ul style="list-style-type: none"> • Electric • Bahaus • Vies Vander Rohe • Le Corbusier • Arts deco & Expressionism 	
VII	Post modern & futuristic To understand the unique aspects of interior and furniture, as well as the evolution of furniture and interior design elements in postmodern & futuristic and learn how the need of furniture developed in brief.	4+2+0 = 6

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	A history of Interior Design	John Pile and Judith Gura	2013	Wiley Publications
2.	History of Architecture	Sir Banister Fletcher		CBS Publishers & distributors, New Delhi
3.	Art Deco Complete: The Definitive Guide to the Decorative Arts of the 1920s and 1930s	Alastair Duncan	2009	Harry N. Abrams

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will understand and explore traditional art forms, design elements, evolution of furniture styles, decorative elements and motifs throughout history in India across geographical locations. Creates understanding of social and cultural dimensions to interior design.

5. PHYSICAL EDUCATION AND YOGA

Programme: Certificate	Year: First	Semester: 4 th
Co-Curricular Course		
Course Code: Z040401	Course Title: Physical Education and Yoga	
Course outcomes: Students will learn the introduction of Physical Education, Concept of fitness and wellness, Weight management and lifestyle of an individual. The student will also learn about the relation of Yoga with mental health and value Education. In this course student will also learn about the aspects of the Traditional games of India.		
Credits: 2		Compulsory
Max. Marks: 25+75		Min. Passing Marks:
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 2-0-0		
Unit	Topics	No. of Lectures Total=30
I	Physical Education: <ul style="list-style-type: none"> • Meaning, Definition, Aim and Objective. • Misconception About Physical Education. • Need, Importance and Scope of Physical Education in the Modern Society. • Physical Education Relationship with General Education. • Physical Education in India before Independence. Physical Education in India after Independence. 	6 Theory

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II	<p>Concept of Fitness and Wellness:</p> <ul style="list-style-type: none"> • Meaning, Definition and Importance of Fitness and Wellness. • Components of Fitness. • Factor Affecting Fitness and Wellness. <p>Weight Management:</p> <ul style="list-style-type: none"> • Meaning and Definition of Obesity. • Causes of Obesity. • Management of Obesity. • Health problems due to Obesity. <p>Lifestyle:</p> <ul style="list-style-type: none"> • Meaning, Definition, Importance of Lifestyle. • Factor affecting Lifestyle. • Role of Physical activity in the maintains of Healthy Lifestyle. 	5 Theory 3 Practical
III	<p>Yoga and Meditation:</p> <ul style="list-style-type: none"> • Historical aspect of yoga. • Definition, types scopes & importance of yoga. • Yoga relation with mental health and value education. • Yoga relation with Physical Education and sports. • Definition of Asana, differences between asana and physical exercise. • Definition and classification of pranayama. • Difference between pranayama and deep breathing. • Practical: Asana, Suraya-Namaskar, Bhujang Asana, Naukasana, Halasana, Vajrasana, Padmasana, Shavasana, Makrasana, Dhanurasana, Tad Asana. Pranayam: Anulom, Vilom. 	2 Theory 6 Practical
IV	<p>Traditional Games of India:</p> <ul style="list-style-type: none"> • Meaning. • Types of Traditional Games- <ul style="list-style-type: none"> • Gilli- Danda • Kanche • Stapu • Gutte, etc. • Importance/ Benefits of Traditional Games. • How to Design Traditional Games. <p>Recreation in Physical Education:</p> <ul style="list-style-type: none"> • Meaning, Definition of Recreation. • Scope and Importance of Recreation. • General Principles of Recreation. • Types of Recreational Activities. • Aerobics and Zumba.(Fir India Movement) 	2 Theory 6 Practical
<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. Singh, Ajmer, Physical Education and Olympic Abhiyan, "Kalayani Publishers", New Delhi, Revised Addition, 2006 2. Patel, Shri Krishna, Physical Education, "Agrawal Publishers", Agra, 2014-15 3. Panday, Preeti, Sharirik Shiksha Sankalan, "Khel Sanskriti Prakashan, Kanpur 		
<p>Kamlesh M.L., "Physical Education, Facts and foundations", Faridabad P.B. Publications. B.K.S. Yengar, "Light and Yog. Yoga Deepika", George Allen of Unwin Ltd., London, 1981. Braj Bilari Nigam, "Yoga Power & The Kpath of Personal achievement", Domen and Publishers, New Delhi, 2001. Indira Devi, "Yoga for You", Gibbs, Smith Publishers, Salt Lake City, 2002 Domen and Publishers, New Delhi - 2001. Jack Peter, "Yoga Master the Yogic Powers", Abhishek Publications, Chandigarh, 2004. Janice Jerusalem, "A Guide To Yoga", Parragon Bath, Baiihe-2004.</p>		

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नारंग, प्रियंका, परम्परागतभारतीयखेल, " स्पोर्ट्सपब्लिकेशन" , नईदिल्ली, 2007

Suggested Continuous Evaluation Methods:

- Assignments (10)
- Presentation (10)
- Attendance (5)
- Final exam (75)

Suggested equivalent online courses:

- IGNOU.
- Rajarshi Tandan Open University.

B.Sc. In Interior Design

Program Outcomes (POs)

- The candidate will get an in-depth knowledge of the subject matter into which he/she is enrolled.
- The candidate will be able to get employment and establish their own studios after the completion of the course.
- Avenues in Research will be open for the candidates taking B.Sc Interior Design.
- The student will be able to implement the course learnt into the profession.
- To learn about how to render the given drawing digitally.
- Learn ethical practices to be followed in the profession of interior design.
- Learn the effective methods to manage the project.
- To make students understand the importance, techniques of estimating and costing and valuation.
- Learn to create different designs for the given furniture piece.
- Learn the spatial planning of the given space.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- To teach various elements of building services.
- To learn basic space planning at the Commercial.
- To teach various elements of building services and to represent them through technical drawings.
- To create the design and to represent the same through technically correct drawings for fabrication of modular furniture/ furniture of special needs.

Deha



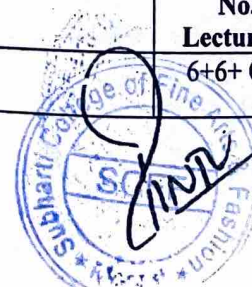
Semester	Category	Subject	Course Code	Paper Title	Theory/Practical	Marks	Credit
V	Major	I	B.Sc-ID-501	Interior Services	Theory	100 (25+75)	3
	Major	II	B.Sc-ID-502	Project management & Estimation	Theory	100 (25+75)	3
	Major	III	B.Sc-ID-511	Computer in Design-III (Google Sketchup)	Practical	100 (25+75)	4
	Major	IV	B.Sc-ID-512	Furniture Design-II	Practical	100 (25+75)	4
	Major	V	B.Sc-ID-513	Design Studio-IV	Practical	100 (25+75)	4
	Minor/ Elective	I		(Swayam / Mooc)	Theory	100 (25+75)	2
	Co- Curricular	Co-C-3		Analytic-Ability-digital-Awareness	Theory	100 (25+75)	2
	Major	Industrial Training/ Survey/ Project		Industrial Visit	Practical	100 (25+75)	3
VI	Major	I	B.Sc-ID-601	Introduction To Art & Interior	Theory	100 (25+75)	3
	Major	II	B.Sc-ID-602	Building Services	Theory	100 (25+75)	4
	Major	III	B.Sc-ID-603	Professional Practice	Practical	100 (25+75)	4
	Major	IV	B.Sc-ID-611	Furniture Design-III	Practical	100 (25+75)	4
	Major	V	B.Sc-ID-612	Design Studio-V	Practical	100 (25+75)	3
	Minor/ Elective	I		(Swayam / Mooc)	Theory	100 (25+75)	1
	Co- Curricular	Co-C-4		Communication-Skills-Personality- Development	Theory	100 (25+75)	2
	Major	Industrial Training/ Survey/ Project		Seminar	Practical	100 (25+75)	3
			Total				50

SEMESTER V

1. INTERIOR SERVICES (THEORY)

Programme/Class: B.Sc. in Interior Design		Year: Third		Semester: 5 th	
INTERIOR DESIGN					
Course Code:		Course Title: Interior Services (Theory)			
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ Learn to use different electrical material in residence and its applications. ○ Learn to use different lights to its advantage. ○ Learn the important components of plumbing work to be done in a residence. ○ To learn about various components of building services. ○ To learn about building services and to represent them through technical drawings. 					
Credits: 3(6)		Core Compulsory			
Max. Marks: 100		Min. Passing marks: 40			
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 22-23-0					
Unit	Topics				No. of Lectures=45
1	Electrical & Lighting:-				6+6+ 0 = 12

Raha



	<ul style="list-style-type: none"> • Types of wires, • Types of Switches, • Electrical Layout • DB, MCB's • Natural lighting • Artificial lighting • Requirement for different situations • Lamps and luminaries • Outdoor lighting. 	
2	Plumbing, <ul style="list-style-type: none"> • Water Supply water distribution systems – valves only), traps, importance of water seal, names of sanitary fittings & fixtures, materials & important sizes of pipes, plumbing standards. • Water conservation technologies -Water treatment plants in commercial and at domestic level. • Recycling & Reuse of water Rain water harvesting-importance, Requirements of rain water harvesting structure, types of rain water harvesting systems,advantages. 	4+4+ 0 = 8
3	Acoustics & Sound Insulation Human ear, Loudness perception, subjective effects, characteristics of sound in speech and music, annoyance, background noise.	4+4+ 0 = 8
4	Air Conditioners The functioning of AC, types & points of consideration for the load calculation of AC for Residences.	4+4+ 0= 8
5	Building Environments:- <ul style="list-style-type: none"> • Ventilation and air movement. • System of Ventilation <ul style="list-style-type: none"> - Natural ventilation - Artificial ventilation - General rules of 	4+5+ 0= 9
Suggested Readings: <ol style="list-style-type: none"> 1. Electrical wiring and contracting (vol. 1 to vol.4), London. The New era Publishing Company. 2. Dr Frith Abnwo and others, Electrical Engineering hand book. 3. William . J. Guinness, Mechanical and Electrical Systems for Buildings, New York : Mc GrawHill. 4. Faber, Oscar and Kell, J.R. Heating and Air conditioning of Building. Architectural Press,surrey, 1945. 5. Prasad Manohar, Refrigeration and air-conditioning, 5th ed, New Age Intl. pub, New Delhi,1996. https://archive.nptel.ac.in/courses/112/104/112104212/		
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.		
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance		
Course prerequisites: The eligibility for this paper is 10+2 with any subject		
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance components of building services used in Interior design.		

2.PROJECT MANAGEMENT & ESTIMATION (THEORY)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		
Course Code:	Course Title: Project Management & Estimation (Theory)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ To learn about methods of calculating the cost of the project along with material requirements. Time & material management of a project. 		

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o To make students understand the importance, techniques of estimating and costing and valuation.		
Credits: 3(6)		Core Compulsory
Max. Marks: 100		Min. Passing marks: 40
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 22-23-0		
Unit	Topics	No. of Lectures=45
1	Elements of Management <ul style="list-style-type: none"> • Project management & Planning • Project Scheduling • Project Monitoring 	6+6+ 0 = 12
2	Network Techniques <ul style="list-style-type: none"> • CPM & PERT • Flow Chart • Earliest Event Time • Latest Allowable Occurrence Time 	4+4+ 0 = 8
3	ESTIMATE OF BUILDINGS <ul style="list-style-type: none"> • Units Of Measurements • Rules For Measurement • Requirements Of Estimation and Costing • Procedure Of Estimating or Method of Estimating • Data Required to Prepare An • Estimate, Drawings, Specifications, Rates • Lumpsum Work Charged Establishment • Methods of Taking Out Quantities • Long Wall-Short Wall Method • Centre Line Method • Partly Centre Line and Partly Cross Wall Method • Detailed Estimate • Factors To Be Considered While Preparing Detailed Estimate • Data • Fixing Of Rate Per Unit of An Item • Methods Of Preparation of Approximate Estimate • Plinth Area Method • Cubical Contents Method • Methods of calculating the cost of the project along with total material requirements. 	4+4+ 0 = 8
4	ESTIMATE OF OTHER STRUCTURES <ul style="list-style-type: none"> • Estimating of septic tank with soak pit • Form Work • Steel Reinforcement • Structural Steel • Damp Proof Course • Brick Work • Schedule Of Rates • Procedure Of Rate Analysis • Requirement Of Labour and Materials • Methods of Estimation-Load bearing and framed structures Calculation of quantities of brick work, RCC, PCC, Plastering, white washing, colour washing and painting / varnishing for shops, rooms, residential building with flat and pitched roof. 	4+4+ 0 = 8

Suggested Readings:

1. Dutta, B.N., "Estimating and Costing in Civil Engineering", UBS Publishers & Distributors Pvt. Ltd., 2003
2. Kohli, D.D and Kohli, R.C., "A Text Book of Estimating and Costing (Civil)", S.Chand & Company Ltd., 2004
3. Roshan Namavati, Professional Practice (Estimation & Valuation), Lakhani Book depot
4. Roshan Namavati, Architectural Detailing in Residential Interiors, Lakhani Book depot
5. C M Pitrowski, Professional Practice in Interior Design, Van Nostrand Reinhold

Neha



7. Harry Siegel, CPA, Alan Sigel, A Guide to Business Principle and Practices for Interior Designers,
8. Whitney library of design.
9. William R. Hall, Contract Interior Finishes, Whitney library.
10. William Rupp, Construction Materials of Interior Design, Whitney Library.

References

- PWD Data Book
- CPWD Schedule of rates
- TN schedule of rates

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate the importance, techniques of estimating and costing and valuations and project management technique.

Note: Students are also expected to visit exhibitions, material manufacturers units, ongoing interior sites, attend seminars and presentations of consultants and vendors related to interior profession.

3. FURNITURE DESIGN-II (PRACTICAL)

Programme/Class: B.sc in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		
Course Code:	Course Title: Furniture Design-II (Practical)	
Course outcomes:		
<ul style="list-style-type: none"> • To impart the knowledge of various styles, systems and products available in the market. • To identify different furniture systems. • To learn to implement furniture design into design project. • Understand the importance of furniture design into interiors. • Understand the different types of manufacturing process. • Develop an understanding for advanced furniture systems. • To understand the Furniture Detailing, Construction & materials 		
Credits:3 (6)	Core Compulsory	
Max. Marks: 100	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 14-1-30=45		
Unit	Topics	No. of Lectures Total=45
I	Introduction to Furniture design <ul style="list-style-type: none"> • Introduction to unit • Human factors, engineering and ergonomic considerations: principles of universal design and their application in furniture design, overview of Furniture categories, exploration of the idea of furniture, • Role of furniture in interior design, 	2+0+0=2
II	Manufacturing Processes <ul style="list-style-type: none"> • Introduction to unit • Study case examples of the following types of manufacturing processes:-Injection, Molding, Investment casting, Sheet metal work, Diecasting, Blow- molding, Vacuum – Forming. 	2+0+0=2
III	Advanced Furniture Systems <ul style="list-style-type: none"> • Furniture design for various context and spaces – residences, corporate, commercial etc. in terms of seating design; LCD Panel, Storage systems- kitchen cabinets, wardrobes, book shelves, showcases, Bed Designs for Adults and master bed room etc. • Multi-functional & space-saving furniture; modular approach to furniture design. 	2+0+0=2
IV	Furniture Detailing, Construction & materials	2+1+0=3

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	<ul style="list-style-type: none"> • Introduction to unit, • Introduction to different materials, joinery details and manufacturing methods most frequently adopted in furniture design such as Molding, investment casting, sheet metal work, die casting, blow- molding, vacuum - forming etc. • Types of materials. 	
V	Implementation in Design Problem <ul style="list-style-type: none"> • Exercise oriented by innovative explorations, observation and constrains, to design furniture, by providing measured drawing – plan, elevation, Iso-metric view (3d) and detailing on full scale, supported by prototype. 	2+0+0=2
VI	Design Problem (Residential furniture) <ul style="list-style-type: none"> • Cabinets (Kitchen) • wardrobes, • closets, • book shelves, • showcases, • Display systems etc. 	2+0+15=17
VII	Design Problem (Commercial Furniture) <ul style="list-style-type: none"> • Reception Table • Conference table • M.D Table • Cabinetsetc. 	2+0+15=17

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	The Encyclopaedia of Furniture	Joseph Aronson	Third Edition 1961	
2.	Mid-Century Modern: Interiors, Furniture, Design Details	Bradley Quinn	2006	
3.	Furniture: A Concise History (World of Art)	Edward Lucie Smith	1985	Thames and Hudson

Suggested Digital Platform:

<https://www.abebooks.com/9780517037355/Encyclopedia-Furniture-Third-Edition-Completely-0517037351/plp>

<https://www.barnesandnoble.com/w/mid-century-modern-bradley-quinn/1012336588>

<https://www.thriftbooks.com/w/furniture-a-concise-history-world-of-art-edward-lucie-smith/308521/>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

4. DESIGN STUDIO-IV (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third Year	Semester: 5 th
INTERIOR DESIGN		
Course Code:	Course Title: Design Studio-IV (Practical)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ Understand the process of literature study and case study analysis in design projects. ○ To understand all the dynamics involved within the design problem introduced. ○ To learn to transfer the conceptual idea into drawings & prepare technical design drawings for a workspace and detailed design ○ To impart an understanding of perception of interior space of residential project through design elements ○ Learn about spatial planning of a given residence design exercise. 		

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Credits: 4 (8)		Core Compulsory
Max. Marks: 100		Min. Passing marks: 40
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37		
Unit	Topics	No. of Lectures = 60
I	Introduction to Design Process <ul style="list-style-type: none"> • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students. 	2+0+ 0 =2
II	Introduction to design Project –Commercial office <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a commercial office. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. 	1+0+ 28 = 29
III	Introduction to design Project –GYM (Gymnasium) <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of aGym. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. 	1+0+ 29= 29

Suggested Readings:

Sr. No	Book	Author	Edition	Publication
1.	Interior Design Reference Manual.	Ballast, David Kent	2010	Belmont, CA: Professional Publications Inc.
2.	Time Saver Standards for Interior Design and Space Planning	Martin Zelnik and Julius Panero	Latest	
3.	Furniture Design and Construction for the Interior Designer.	Natale, Christopher	2009	New York: Fairchild Books.
4.	Furniture: 50 Real-Life Projects Uncovered.	Saville, Laurel and Stoddard, Brooke.	2008	Minneapolis, MN: Rockport Publishers.

Suggested Digital Platform:

<https://kraftivo.in/interior-design-guide/>

<https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa>

<https://in.pinterest.com/erinloechner/interior-design-ideas/>

<https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

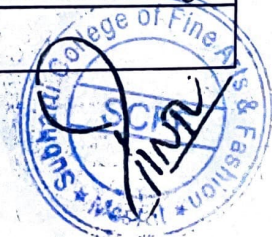
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5. COMPUTER IN DESIGN-III [GOOGLE SKETCHUP] (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		
Course Code:	Course Title: Computer in Design-III [Google Sketchup] (Practical)	
Course outcomes: The student at the completion of the course will be able to: Computer in Design-III [Google Sketchup] (Practical) <ul style="list-style-type: none"> • Learn how to render the given drawing digitally. • To develop the skill of making perspectives of complex buildings and rendering them in different media. • To develop or upgrade an understanding about AutoCAD 3D, as an important tool for drafting, designing, analyzing and representation of the drawings in a desired manner. 		
Credits: 4(8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 3-0-42		
Unit	Topics	No. of Lectures=45
1	Introduction to SketchUp. <ul style="list-style-type: none"> • How to navigate: Title bar, menu bar, getting started toolbar, drawing area, status bar, measurements box, default panels. Panels menus and tools overview: How to use SketchUp tools (Quick Reference Card) Setting up tools panels and preferences Saving and reopening a model (Backing up). 	1-0-14=15
2	Quick Start: Creating 3D Elements Drawing shapes Adding volume Moving elements Transforming elements Adding textures and colors Navigation with tools keys and mouse Orbit, zoom, pan Saving and exporting Core. Concepts 1 Select elements Modifiers keys Working with axis Managing units of measurement (set units and precision in the model info window) Standard views Perspectives Walk Look around Field of view Zoom extends Position	1-0-14=15
3	Creating a 3D Model (Drawing Lines, Shapes, and 3D Objects) Inference types and engine Drawing lines Creating and dividing faces Working with edges Healing deleted faces Finding and locking an inference Linear inferencing toggle Locking inferences with the keyboard Ensuring edges are aligned to axes Model and entity info Working with Shapes Drawing a rectangle, square, circle, ellipse, polygon, and shape View styles for edges and faces Selecting Editing shapes Adjusting the drawing axes Pushing and pulling shapes Drawing arcs Drawing freehand shapes Measurement tools Measuring angles and distances to model precisely Dividing, splitting, and exploding lines and faces Sticky modifiers Flipping, mirroring, rotating, and arrays Scaling and slicing models Using the follow me tool Softening, smoothing, and hiding geometry Offsetting a line from existing geometry.	1-0-14=15
Suggested Readings: <ol style="list-style-type: none"> 1. Bernard Alkins - 147, Architectural Rendering, Walter Foster Art Books, 1986. 2. Francis Ching, Architectural Graphics, Van Nostrand and Reinhold Company, NY 1975 3. IH. Morris, Geometrical Drawing for Art Students - Orient Longman, Madras, 2004. 4. Google SketchUp Pro 8 Step by Step - João Gaspar. 5. Architectural Design with SketchUp: 3D Modeling, Extensions, BIM, Rendering, Making, and Scripting - Alexander C. Schreyer Digital Suggested: - https://www.sketchup.com/book/real-world-google-sketchup-7 https://www.sketchup.com/book/einfach-sketchup-eine-gebrauchsanweisung		
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.		
Suggested Continuous Evaluation Methods:		

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Class Performance/Practical Exam/Submission/Viva/Attendance
Course prerequisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design in Google Sketchup 3D software.

SEMESTER VI

1. INTRODUCTION TO ART & INTERIOR DESIGN (THEORY)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 6 th
INTERIOR DESIGN		
Course Code:	Course Title: Introduction to Art & Interior Design (Theory)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ The course on History of development of Ancient Art and appreciation regarding past and current trends of the Arts. ○ The knowledge of the Arts from Prehistoric to Modern day. To study different styles of Arts forms, sculptures through different eras. Learn the changes in Art forms as per the eras. Understanding various art forms, appreciation of art along with social and cultural influences on design. 		
Credits: 3	Core Compulsory	
Max. Marks: 100	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week); L-T-P: 41-20-0		
Unit	Topics	No. of Lectures = 45
I	Development Of Art A Survey of History of Art Forms of Following Eras- Prehistoric (Cave Art, Earth and Parietal Art) • Egyptian & Greek • Roman & Medieval • Chinese & Japanese • Renaissance & Baroque • Neoclassic & Realism	8+3+0 = 11

At the End of the whole syllabus any remarks/ suggestions: Students will understand and explore traditional art forms, decorative elements and motifs throughout history in India across geographical locations. Creates

Nsha



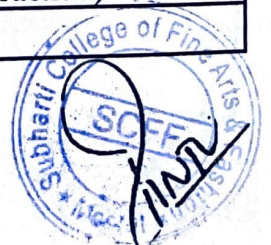
2. BUILDING SERVICES (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 6th
INTERIOR DESIGN		
Course Code:	Course Title: Building Services (Practical)	
Course outcomes: The student at the completion of the course will be able to:		
<ul style="list-style-type: none"> ○ To design electrical works, use of electrical symbols for designing in the given space. ○ To learn to design the various Plumbing solutions – Supply for Residences. ○ To represent various sanitary fitting in the technical drawings using symbols. ○ To learn about building services and to represent them through technical drawings. 		
Credits: 4(8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 04-08-48		
Unit	Topics	No. of Lectures=60
1	Electrical Layout plan Electrical, wiring and its importance Symbols used in drawings.	1+2+ 12= 15
2	Lighting layout plan Types of Outdoor lighting Types of Indoor lighting	1+2+ 12 = 15
3	Water Supply, Drainage & sanitary fitting plan.	1+2+ 12 = 15
4	Terminology used in water distribution systems – valves, traps, importance of water seal, names of sanitary fittings & fixtures, materials & important sizes of pipes, plumbing standards.	1+2+ 12 = 15
Suggested Readings:		
<ol style="list-style-type: none"> 1. Mitchell's Building Construction: Environment & Services, Peter Burberry, 8th Edition, 1997, Longman. 2. Mechanical and Electrical Equipment for Buildings, B. Stein and J. Reynolds, 10th Edition, 2005, Wiley & Sons Inc. 3. The Building Systems Integration Handbook, R Rush, 1991, American Institute of Architects. 4. Building Services: A Guide to Integrated Design: Engineering for Architect, RP Parlour, 2008, Integral Publishing. 5. Understanding Buildings: A Multi-disciplinary Approach, E Reid, MIT. 6. ASHRAE Publications. 7. National Building Code of India (Latest Edition), Bureau of Indian Standards. 		
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.		
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance		
Course prerequisites: The eligibility for this paper is 10+2 with any subject		
At the End of the whole syllabus any remarks/ suggestions: Students will be able to represent all the building services components through technical drawings.		

3. DESIGN STUDIO-V (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third Year	Semester: 6th
INTERIOR DESIGN		
Course Code:	Course Title: Design Studio-V (Practical)	
Course outcomes:		

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The student at the completion of the course will be able to:

- Understand the process of literature study and case study analysis in design projects.
- To understand all the dynamics involved within the design problem introduced.
- To learn to transfer the conceptual idea into drawings & prepare technical design drawings for a workspace and detailed design
- To impart an understanding of perception of interior space of residential project through design elements.
- Learn about spatial planning of a given residence design exercise.

Credits: 4 (8)

Core Compulsory

Max. Marks: 100

Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37

Unit	Topics	No. of Lectures = 60
I	Introduction to Design Process <ul style="list-style-type: none"> • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students. 	2+0+ 0 =2
II	Introduction to design Project –Boutique <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of aBoutique. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	1+0+ 28 = 29
III	Introduction to design Project –Book Café/Salon <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of aBook Café / Salon. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. 	1+0+ 29= 29

Suggested Readings:

Sr. No	Book	Author	Edition	Publication
1.	Interior Design Reference Manual.	Ballast, David Kent	2010	Belmont, CA: Professional Publications Inc.
2.	Time Saver Standards for Interior Design and Space Planning	Martin Zelnik and Julius Panero	Latest	
3.	Furniture Design and Construction for the Interior Designer.	Natale, Christopher	2009	New York: Fairchild Books.
4.	Furniture: 50 Real-Life Projects Uncovered.	Saville, Laurel and Stoddard, Brooke.	2008	Minneapolis, MN: Rockport Publishers.

Suggested Digital Platform:

<https://kraftivo.in/interior-design-guide/>

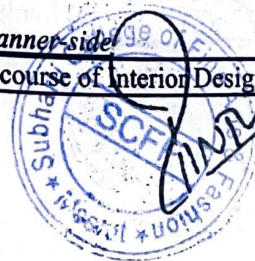
<https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa>

<https://in.pinterest.com/erinloechner/interior-design-ideas/>

<https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

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Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4. FURNITURE DESIGN-III (PRACTICAL)

Programme/Class: B.sc in Interior Design		Year: Third	Semester: 6th
INTERIOR DESIGN			
Course Code:		Course Title: Furniture Design-III (Practical)	
Course outcomes:			
<ul style="list-style-type: none"> • Understand the importance of furniture design into interiors. • Understand the different types of manufacturing process. • Develop an understanding for advanced furniture systems • Develop a better understanding about furniture design through case specific examples. • Get efficient enough to apply the knowledge for current project & develop furniture designs for the same. 			
Credits:3 (6)		Core Compulsory	
Max. Marks: 100		Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 14-0-31=45			
Unit	Topics		No. of Lectures Total=45
I	Introduction to Furniture design <ul style="list-style-type: none"> • Introduction of unit • Role of furniture in interior design, • Design approaches in furniture design. 		3+0+0=3
II	Manufacturing Processes <ul style="list-style-type: none"> • Introduction of unit Study case examples of the following types of manufacturing processes: - Injection, Molding, Investment casting, Sheet metal work, Die casting, Blow-molding, Vacuum – Forming. 		3+0+0=3
III	Advanced Furniture Systems <ul style="list-style-type: none"> • Introduction of unit • Furniture design for large scale multi-functional spaces – Mobility & Physical Impairment & Eco-Friendly Furniture) • Conclusion and summary of unit. 		3+0+0=3
IV	Furniture Case-studies <ul style="list-style-type: none"> • Introduction of unit • Study innovative & advanced contemporary furniture designs (seating / storage). • Conclusion and summary of unit. 		3+0+1=4
V	Design Problem Designing furniture for special need (Mobility & Physical Impairment) <ul style="list-style-type: none"> • Kids Furniture • Adult Furniture etc. • Plan, Elevation, section & 3d/Isometric View 		1+0+15=16
VI	Eco Friendly Furniture <ul style="list-style-type: none"> • Design using different materials like bamboo, strings, cardboard etc. • Plan, Elevation, section & 3d/Isometric View 		1+0+15=16
Suggested Readings:			
Sr. No.	Book	Author	Edition
1.	The Encyclopaedia of Furniture	Joseph Aronson	Third Edition 1961
			

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2.	Mid-Century Modern: Interiors, Furniture, Design Details	Bradley Quinn	2006	
3.	Furniture: A Concise History (World of Art)	Edward Lucie Smith	1985	Thames and Hudson

Suggested Digital Platform:

<https://www.abebooks.com/9780517037355/Encyclopedia-Furniture-Third-Edition-Completely-0517037351/plp>

<https://www.barnesandnoble.com/w/mid-century-modern-bradley-quinn/1012336588>

<https://www.thriftbooks.com/w/furniture-a-concise-history-world-of-art-edward-lucie-smith/308521/>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

5. PROFESSIONAL PRACTICE (THEORY)

Programme/Class: B.Sc. in Interior Design		Year: Third	Semester: 6th
Interior Design			
Course Code:		Course Title: Professional Practice (Theory)	
Course outcomes:			
<ul style="list-style-type: none"> ○ To impart the knowledge of various styles, systems and products available in the market. ○ Enhances the knowledge of ergonomics, materials, design and working parameters in designing furniture. ○ To gain knowledge about the history of furniture. ○ To identify different furniture systems. ○ To know about the furniture detailing & its construction. To learn to implement furniture design into design project. 			
Credits:3		Core Compulsory	
Max. Marks: 100		Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-8			
Unit	Topics		No. of Lectures
I	Professional practice		Total=45
	<ul style="list-style-type: none"> • Introduction • study professional practice • Difference Professional & profession 		5+0+0=5
II	Code of Conduct IIID, Role of Interior Designer& Responsibilities		14+1+0=13
	<ul style="list-style-type: none"> • Introduction • Code Of Conduct for Associate, Affiliate &Fellow Members • Code Of Conduct for Trade Members (Manufacturers & Suppliers) • Code Of Conduct for Tread Members Interior Furnishing Member. • Fee Structure of the designers 		
III	Tenders (Basics Only)		8+0+0=8
	<ul style="list-style-type: none"> • Introduction • Types of tender, tender notice • To fill the tender document, Invitation of tender, • committee, Advantage & Dis-advantage 		
IV	Contracts (Basics Only)		8+0+0=8
	<ul style="list-style-type: none"> • Introduction 		

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	<ul style="list-style-type: none"> • Indian Contract act-1972, • Types of contract, Proposal. 	
V	Arbitration & conciliation <ul style="list-style-type: none"> • Introduction • Need, Need & arbitration agreement • Old arbitration in proceeding • Quasi – Arbitration, Old & new arbitration, Differences • Ethics And Leadership 	8+1+0=9

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	IIID	Ar. Premnath		
2.	Estimating, Tendering and Bidding for Construction Work	Adrian J. Smith		
3.	Tendering and Contracting Guidelines	Ahkam AL Taeer		iUniverse (Nov 11, 2021)

Suggested Digital Platform:

<https://www.iiid.in/>

<https://link.springer.com/book/10.1007/978-1-349-13630-8/cover>

<https://www.scribd.com/book/539975446/Tendering-and-Contracting-Guidelines>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

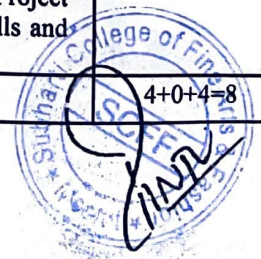
Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

6. SEMINAR (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 6 th
INTERIOR DESIGN		
Course Code:	Course Title: Seminar (Practical)	
Course outcomes:		
<ul style="list-style-type: none"> ○ To acquaint the students with latest trends and technologies prevailing in the subjects. ○ To develop presentation skills in the students by preparing on the topic of their curriculum of study. ○ Make the student capable of being a research associate. 		
Credits: 3 (6)	Core Compulsory	
Max. Marks: 100	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-8		
Unit	Topics	No. of Lectures Total=45
I	Research Formulation <ul style="list-style-type: none"> • Research Formulation: The students of the pre final year are required to undertake research on a topic related to the field of spatial planning on issues emerging out of the present trends and future prospects of the Thesis Project selected. The Thesis Project should be sufficiently large and complex so that student can demonstrate the Skills and Knowledge acquired during the course. 	4+1+0=5
II	Research Design	4+0+4=8

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III	<ul style="list-style-type: none"> Once the problem is formulated the student has to undertake extensive literature survey. <p>Research Data</p> <ul style="list-style-type: none"> Data shall be collected keeping in mind the cost, time and other resources. Primary data can be collected either through experiment, through survey or by observation such as personal interviews, telephonic interview, mailing of questionnaire or through schedules. Secondary data such as census data, literature studies, unpublished or published thesis or dissertation can be collected. 	
IV	<p>Research Analysis & Report</p> <ul style="list-style-type: none"> The analysis of data requires a number of closely related operations such as establishment of categories. The application of these categories to see data through coding, tabulation and then drawing statistical inference. Define strategy to address these issues in the design proposal. Prepare a report of what has been done. The interior layout of the report should be as follows: The preliminary pages, the main text and end matter. The preliminary pages carry title, declaration, certificate, acknowledgement, list of illustration & tables. The main text of the report should have introduction, review of literature & methodology. The end matter will include glossary and annexure. 	
V	<p>Thesis Seminar</p> <ul style="list-style-type: none"> Criteria of selection of the site for the thesis project and justification for how the project will support the conceptual idea for the project. Mood board, zoning regulators & standards applicable to the project. 	

Suggested Readings:

S.No.	ReferenceBook	Author	Edition	Publication
1	Research methodology for Interior design	Dana E. Vaux	1st	Routledge (6 August 2020)
2	Architectural Research Methods	Groat L, Wang D.	2nd	John Wiley & Sons, Inc
3	Methodology of Research and issues in Education	Shinde S.P. (Dr.)		Surabhi Educational Society, Hyderabad

Suggested Digital Platform:

<https://www.routledge.com/Research-Methods-for-Interior-Design-Applying-Interiority/Vaux-Wang/p/book/9780367139490>

<https://www.wiley.com/en-us/Architectural+Research+Methods%2C+2nd+Edition-p-9780470908556>

<https://www.shiksha.com/college/surabhi-educational-society-madhapur-hyderabad-2853>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.



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HONORS IN INTERIOR DESIGN

Program Outcomes (POs)

- The candidate will get an in-depth knowledge of the subject matter into which he/she is enrolled.
- The candidate will be able to get employment and establish their own studios after the completion of the course.
- Avenues in Research will be open for the candidates taking Honors ID.
- Students learn about the Designing, materials, new product development process.
- The student will be able to implement the course learnt into the profession.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- Have developed knowledge and understanding in Journalism, writing articles, Sustainability in design, Human resource management methods.
- Be able to Design for Education building Interiors from small School Mobility & Physical Impairment.
- To understand the basic properties of green and sustainable buildings & its importance in today's world.
- Understanding the basic elements of climatology and building bylaws to create comfortable living.

Semester	Category	Subject	Course Code	Paper Title	Theory/ Practical	Marks	Credit
VII	Major	I	B.Sc-ID-701	Research Methodology	Theory	100 (25+75)	3
	Major	II	B.Sc-ID-702	Elements Of Green Building	Theory	100 (25+75)	3
	Major	III	B.Sc-ID-711	Interior Landscaping Design	Practical	100 (25+75)	4
	Major	IV	B.Sc-ID-712	Research Project	Practical	100 (25+75)	4
	Major	V	B.Sc-ID-713	Design Studio-VI	Practical	100 (25+75)	6
	Minor/ Elective	I		Constitution of India/ cultural Studies	Theory	100 (25+75)	4
	Major	Industrial Training/ Survey/ Project		Internship	Practical	100 (25+75)	6
VIII	Major	I	B.Sc-ID-801	Universal Design	Theory	100 (25+75)	4
	Major	II	B.Sc-ID-802	Climatology	Theory	100 (25+75)	4
	Major	III	B.Sc-ID-811	Interior Landscaping Design in Development	Practical	100 (25+75)	4
	Major	IV	B.Sc-ID-812	Basics of vastu	Practical	100 (25+75)	5
	Major	V	B.Sc-ID-813	Design Studio-VII	Practical	100 (25+75)	5
	Co-Curricular	Co-C-4	B.Sc-ID-711	Communication-Skills- Personality-Development	Theory	100 (25+75)	2
	Major	Industrial Training/ Survey/ Project		Market Survey Project	Practical	100 (25+75)	6

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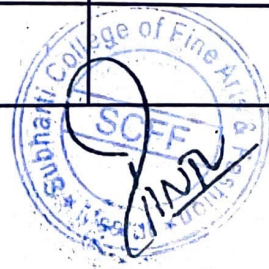


SEMESTER VII

1. RESEARCH METHODOLOGY

Programme/Class: Honors in Interior Design	Year: Forth	Semester: 8 th
INTERIOR DESIGN		
Course Code:	Course Title: Research Methodology	
Course outcomes: <ul style="list-style-type: none"> ○ To understand the concept of research design. ○ To understand the concept of sampling. ○ To understand the concept of tools and techniques used in research. ○ To understand the process of research. ○ To understand how to plan the research subject. 		
Credits: 3	Core Compulsory	
Max. Marks: 100	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-8		
Unit	Topics	No. of Lectures Total=45
I	Introduction to Research and Problem Definition <ul style="list-style-type: none"> • Introduction to unit • Meaning, Objective and importance of research, • Types of research, steps involved in research, • defining research problem 	11+1+0=12
II	Research problem <ul style="list-style-type: none"> • Introduction to unit • Research design, Methods of research design, • research process and steps involved, • Literature Survey 	12+1+0=13
III	Data Collection <ul style="list-style-type: none"> • Introduction to unit • Classification of Data, Methods of Data Collection, Sampling, • Sampling techniques procedure and methods, • Ethical considerations in research 	9+1+0=10
IV	Data Analysis and interpretation <ul style="list-style-type: none"> • Introduction to unit • Data analysis, Statistical techniques and choosing an appropriate statistical technique, • Hypothesis, Hypothesis testing, Data processing software (e.g. SPSS etc.), • statistical inference, Interpretation of results 	9+1+0=10
V	Technical Writing and reporting of research <ul style="list-style-type: none"> • Introduction to unit 	

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- Types of research report: Dissertation and Thesis,
- research paper, review article, short
- communication, conference presentation etc.,
- Referencing and referencing styles, Research Journals,
- Indexing and citation of Journals, Intellectual property, Plagiarism

Suggested Readings:

1. C. R. Kothari, Gaurav Garg, Research Methodology Methods and Techniques, New Age International publishers, Third Edition.
2. Ranjit Kumar, Research Methodology: A Step by Step Guide for Beginners, 2nd Edition, SAGE, 2005
3. Business Research Methods – Donald Cooper & Pamela Schindler, TMGH, 9th edition

Suggested Digital Platform:

<https://thebookshopenline.com/new-age-international-publishers-research-methodology-methods-and-techniques-3rd-edition-english-paperback-by-c-r-kothari-and-gaurav-garg.html>
http://www.sociology.kpi.ua/wp-content/uploads/2014/06/Ranjit_Kumar-Research_Methodology_A_Step-by-Step_G.pdf
https://books.google.com/books/about/Business_Research_Methods.html?id=-nk8MOAACAAJ

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2.ELEMENTS OF GREEN BUILDING

Programme/Class: Honors in Interior Design		Year: Forth	Semester: 8th
INTERIOR DESIGN			
Course Code:		Course Title: Elements of Green Building	
Course outcomes:			
<ul style="list-style-type: none"> ○ Learn about green buildings and their uses in interior. ○ Learn about Eco-friendly materials, types, application, advantages & disadvantages and their uses. ○ Learn about green buildings and their uses in interior ○ To learn about various sustainable design parameters and materials. 			
Credits:3		Core Compulsory	
Max. Marks: 100		Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-8			
Unit	Topics		No. of Lectures Total=45
I	Green building technology <ul style="list-style-type: none"> • Introduction to unit • Meaning, concept, • impact of green building on human health and natural environment, • Importance and benefits of green buildings. • Need & Benefits of Green Interiors 		12+1+0=13
II	Materials and finishes used in green building <ul style="list-style-type: none"> • Introduction to unit • Types of material Bamboo, straw, wood dimension stone, Recycled stone, non-toxic metals, Earth blocks-compressed, rammed, baked; vermiculites, flax linen, sisal, wood fibres, cork, coconut, polyurethane block. 		11+1+0=12

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III	Green building practices and technologies- <ul style="list-style-type: none"> • Introduction to unit • Norms, agencies, • parameters & application 	9+1+0=10
IV	Sustainable buildings- <ul style="list-style-type: none"> • Introduction • concept, norms to achieve the same 	9+1+0=10

Suggested Readings:

1. Elements of green building by "SAM KUBBA" Publisher

S.No.	Book	Author	Edition	Publication
1	Elements of green building	SAM KUBBA	1 st	Butterworth-Heinemann (30 July 2012)
2	Green Building And Construction	SAM KUBBA		Butterworth-Heinemann 2017
3	Integrated approach to sustainable Development	B.C. Bose		Rajat Publications, Delhi

Suggested Digital Platform:

<https://shop.elsevier.com/books/handbook-of-green-building-design-and-construction/kubba/978-0-12-385128-4>

<https://www.gale.com/ebooks/9780128104439/handbook-of-green-building-design-and-construction-lead-breeam-and-green-globes>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

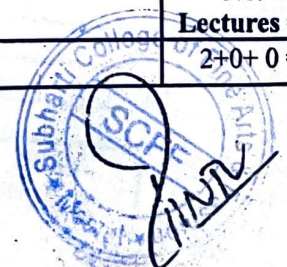
Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

3. DESIGN STUDIO-VI (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 7th
INTERIOR DESIGN		
Course Code:	Course Title: Design Studio-VI (Practical)	
Course outcomes: The student at the completion of the course will be able to:		
<ul style="list-style-type: none"> ○ Observe, research, document, and apply ergonomic and anthropometric aspects of Interior Design with respect to individual spaces. Understand the importance of case studies, and learn to do so. ○ To learn to transfer the conceptual idea into drawings & prepare technical design drawings for design problem. ○ Detailed design implementation ○ To apply the various theories and innovative techniques in design projects and also develop the final design from the conceptual theme. ○ To learn the student about the fundamental of designing based on energy efficient building and practical application of the same in spatial planning for a Residence. 		
Credits: 4 (8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37		
Unit	Topics	No. of Lectures = 60
I	Introduction to Design Process	2+0+ 0 =2

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	<ul style="list-style-type: none"> • Introduction of design problem. Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis and research about energy efficiency techniques. • Discussion based on the existing exercise and the understanding of students. 	
II	Introduction to design Project – Energy Efficient Building Design for Residence (G+2) <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures, innovative techniques of energy efficient building for residence and site planning. • Literature/Case Studies & research work for energy efficient building. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of an Energy Efficient Building Design for residence. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, furniture design details, services drawing, Isometric view and 3D Model. 	1+0+ 57 = 58

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Material Revolution Sustainable and Multi-Purpose Materials for Design and Architecture	Dr. Sascha Peters	2011	Birkhauser Architecture
2.	Energy efficient buildings- Architecture, Engineering and Environment	Dean Hawkes	2003	W.W. Norton & Company

Suggested Digital Platform:

<https://www.energy.gov/energysaver/efficient-home-design>

<https://www.archdaily.com/886414/8-new-energy-efficient-materials-architects-should-know>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4.INTERIOR LANDSCAPING DESIGN (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 7 th
INTERIOR DESIGN		
Course Code:	Course Title: Interior Landscaping Design (Practical)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ Understands the scope of landscape architecture and elements of landscape in interior spaces. ○ Understands the impact of human activities on the environment and the role of architect in mitigating it. ○ Understand History of Landscape Architecture ○ Develop the drawings required to solve various landscape construction details (paving, Curbs, steps, roof garden, retaining walls). ○ Understand effect of time on planting design. 		
Credits: 4 (8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37		
Unit	Topics	No. of Lectures = 60

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I	Interior landscaping <ul style="list-style-type: none"> • Definition of landscape • Elements and Principles of landscape design and their various manifestations. • Classification of different types plants - Shrubs, trees, plants, ground cover. <ul style="list-style-type: none"> ➤ Indoor plants and their functions, layout & components, Floriculture – commercial, ornamental, Selection of plants. • Hardscape and Soft scape 	4+2+6=12
II	Physical requirements of plants <ul style="list-style-type: none"> • Physical requirements of plants – light, temperature, water, planting medium, soil separator, weight of plants & maintenance. • Techniques to meet physical requirements. • Plant selection criteria in landscape based upon visual, functional, micro-climatic and ecological aspects. • Understanding effect of time on planting design. 	4+2+6=12
III	Interior landscaping elements & principles <ul style="list-style-type: none"> • Plants, rocks, artefacts, paving & lighting, Design guidelines- plant texture & colour, plant height, plant spacing. • cascades • Roof and Deck Landscape 	4+2+6=12
IV	Introduction to Landscape and climatology. <ul style="list-style-type: none"> • Only Main features of landscaping according to climatic conditions. 	3+1+6=10
V	Landscape Design Exercises for different situations. <ul style="list-style-type: none"> • Introduction to Design Concept development • Design exercise of landscaping. • Conceptual zoning of landscape areas. • Conceptualization of different zones and materials required for it. • Segregation of hardscape & softscape. 	2+0+12=14

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Time saver standards for landscape architecture			
2.	Planting design	Theodore D. Walker		VNR Publications, New York
3.	Landscaping Principles and Practices	Jack E. Ingels		Ingels, Delmar Publishers.

Suggested Digital Platform:

<https://happho.com/design-types-indoor-landscaping/>
<https://in.pinterest.com/botanicusgreen/interior-landscaping-design/>
<https://www.rios.com/interior-landscapes/>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design Landscaping.

5. RESEARCH PROJECT (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth	Semester: 7 th
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INTERIOR DESIGN

Course Code:

Course Title: Research Project (Practical)

Course outcomes:

The student at the completion of the course will be able to:

- To get a clear insight about the feasibility of the chosen topic of research with proper justification.
- To briefly explain and justify the following about the chosen research topic.
- Understanding that how to Make a Thesis Less Painful and More Satisfying & How to Actually Complete a Project: Segmenting, Scheduling, and Rewarding on time.

Credits: 6(12)

Core Compulsory

Max. Marks: 100

Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 10-10-50

Unit	Topics	No. of Lectures=90
1	Introduction to Research Topic along with a broad framework <ol style="list-style-type: none"> 1. Abstract 2. List of abbreviations 3. List of symbols 4. List of tables 5. Contents 6. Aim 7. Objectives 8. Hypothesis & Specifications for thesis format 9. Scope & Limitations 	10+10+ 20 = 40
2	To briefly explain and justify the following about the chosen research topic: <ul style="list-style-type: none"> • Introduction (16 Size, Bold) • Subheadings (14 size, bold) • Content (12 Size) • Background of the problem • Need and significance of the study • Statement of the problem • Objectives Operational definitions • Hypothesis (Write research hypothesis) • Assumptions (If any) • Delimitation • Ethical Considerations • Conceptual/theoretical frame work 	10+10+ 30 = 50

Suggested Readings:

Classroom lecture

<https://gsas.harvard.edu/policy/formatting-your-dissertation>

Guidelines for Writing a Thesis or Dissertation, Linda Childers Hon, Ph.D.

Outline for Empirical Master's Theses, Kurt Kent, Ph.D. (by Mickie Edwardson, Distinguished Professor of Telecommunication, Emeritus, ca. 1975), provided by Kurt Kent

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to Understanding that how to Make a Thesis Less Painful and More Satisfying & How to Actually Complete A Thesis: Segmenting, Scheduling, and Rewarding on time.

6. INTERNSHIP (PRACTICAL)

Programme/Class:	Year: Forth	Semester: 7th
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Honors in Interior Design		
INTERIOR DESIGN		
Course Code:	Course Title: Internship (Practical)	
Course outcomes:		
<ul style="list-style-type: none"> ○ To gain practical experience in real -world interior design projects. ○ Develop a professional portfolio of completed design work. ○ Enhance communication and presentation skills. ○ Gain insights into the day-to-day responsibilities for an interior designer. ○ Explore various design styles and materials area trends in the field. ○ Acquire valuable feedback and mentorship from experienced designers. ○ Improve time management and problem-solving abilities 		
Credits:6 (12)	Core Compulsory	
Max. Marks: 100	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-0=0		
Unit	Topics	No. of Lectures Total=90
I	Practical Training (Internship) <ul style="list-style-type: none"> • Student shall work for a period of 45 days in an office of Architect/Interior Designer/Product Designer approved by the institution. • Student shall be submitting weekly work report • Student shall be submitting critical appraisal of built projects • Student shall be submitting documentation of architectural details and site supervision of built projects. • Student will also have to submit the research as per the supervision by the Guide. 	
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.		
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance		
Course pre requisites: The eligibility for this paper is 10+2 with any subject		
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Designs.		

2/2/22



SEMESTER VIII

1. UNIVERSAL DESIGN (THEORY)

Programme/Class: Honors in Interior Design	Year: Fourth	Semester: 8th
INTERIOR DESIGN		
Course Code:	Course Title: Universal Design (Theory)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ To learn about inclusive design. ○ To understand the principles of universal design. ○ To understand the problems faced by both and design for comfort. ○ To learn about the benefits of universal design. 		
Credits: 4(8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 04-08-48		
Unit	Topics	No. of Lectures=60
1	Introduction <ul style="list-style-type: none"> • Terminology • Concepts about Universal Design, • Awareness of the concept of in design education Universal Design 	4+4+ 0 = 8
2	<ul style="list-style-type: none"> • Importance of Universal Design in planning • Principles of Universal Design 	6+4+ 0 = 10
3	Ergonomic & Universal Design, Universal Design, human adaption ability	8+6+ 0 = 14
4	Characteristic of Universal Design <ul style="list-style-type: none"> • Benefits & Application of Universal Design 	6+4+ 0 = 10
Suggested Readings: <ol style="list-style-type: none"> 1. Universal Design - Creating Inclusive Environments by <u>E Steinfeld</u> 2. Universal design Handbook 2nd Edition by WOLFGANG F. E. P REISER is Emeritus Professor of Architecture, University of Cincinnati 		
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.		
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance		
Course prerequisites: The eligibility for this paper is 10+2 with any subject		
At the End of the whole syllabus any remarks/ suggestions: Students will be able to Understanding the principles of universal design. To understand the problems faced by both and design for comfort.		



Naha

2. CLIMATOLOGY (THEORY)

Programme/Class: Honors in Interior Design	Year: Fourth	Semester: 8th
INTERIOR DESIGN		
Course Code:	Course Title: Climatology (Theory)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ Understanding the basic elements of climatology. ○ Understanding the building by laws to create comfortable living. ○ To understand the basic guiding elements to design as per the climate of the region. ○ To understand the importance for human comfort in interior space through natural elements. ○ To understand the basic guiding elements to design as per the climate of the region. 		
Credits: 4(8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 04-08-48		
Unit	Topics	No. of Lectures=60
1	Introduction- <ul style="list-style-type: none"> • Global Climatic factors, • Elements of Climate, impact, and issues of climatic balance in traditional and contemporary built environments 	4+4+ 0 = 8
2	Site & building design <ul style="list-style-type: none"> • Site Selection, • Site Planning, • Building Orientation and Placement, • Effect of Landscaping 	6+4+ 0 = 10
3	Sun & building design <ul style="list-style-type: none"> • Orientation of sun, sun control, • Basic Principles of Heat Transfer, • heat flow within the buildings, • Day lighting, design of opening and shading devices. • Climate and material choices, colour and textile choices for interior spaces. 	8+6+ 0 = 14
4	Wind & building design. <ul style="list-style-type: none"> • Wind effect • Air Flow Pattern, • Ventilation Techniques, • Air movement around the buildings. 	6+4+ 0 = 10
5	Bio-Climatic Approach: <ul style="list-style-type: none"> • Human Comfort, • Thermal Comfort Factors, • Physiological comfort, • Bioclimatic Requirements, • Relation of climatic elements to comfort. • Impact of External forces on Building 	6+4+ 0 = 10
6	Building by-laws, <ul style="list-style-type: none"> • Terminology, • local laws, Norms, fire norms, law enforcement agencies etc. 	4+4+ 0 = 8
Suggested Readings: <ol style="list-style-type: none"> 1. Koinesberger, O. Tropical climate. 2. Krishan, Arvind. Climate Responsive Architecture. 3. Brown, G.Z. Sun Wind & Light. 4. Olgay, V. design with Climate. 5. Yeang, Ken. Designing with Nature: The Ecological basis for Architecture Design. 		

Nalga



This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to Understanding the basic elements of climatology and building bylaws to create comfortable living.

3.DESIGN STUDIO-VII (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 8 th
INTERIOR DESIGN		
Course Code:	Course Title: Design Studio-VII (Practical)	
Course outcomes: The student at the completion of the course will be able to: <ul style="list-style-type: none"> ○ Learn to integrated all the above learning into creative design output and give comfortable design for the differently abled persons. ○ To include a deeper understanding of inclusive design principles, increased awareness of the specific needs and challenges faced by differently abled children, improved problem-solving skills to address those needs. ○ To enhance empathy towards creating accessible and supportive environment. 		
Credits: 4 (8)	Core Compulsory	
Max. Marks: 100	Min. Passing marks: 40	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37		

Unit	Topics	No. of Lectures = 60
I	Introduction to Design Process <ul style="list-style-type: none"> • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis and research about energy efficiency techniques. • Discussion based on the existing exercise and the understanding of students. 	2+0+ 0 =2
II	Introduction to design Project – Primary school for Differently abled Child <ul style="list-style-type: none"> • To introduce to students, the design of a building with complexities related to workspaces, services, structures, innovative techniques for differently abled Child School. • Literature/Case Studies & research work for energy efficient building. <ul style="list-style-type: none"> ➤ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing according to differently abled Child. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, furniture design details, services drawing, Isometric view and 3D Model. 	1+0+ 57 = 58

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Human dimension and interior space	Julius Panero and martin Zelnik	1979	Watson-Guptill, New York
2.	Residential Interior design for the elderly and physically challenged.	Gaur G.Ray & Lavanya Bachwal	2012	Shroff
3.	How to create interior for the Disabled	Jane Randolph cary	1 st edition 1978	Pantheon

Daha



This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design for differently abled.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4.INTERIOR LANDSCAPING DESIGN IN DEVELOPMENT (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 8th
INTERIOR DESIGN		
Course Code:	Course Title:Interior LandscapingDesign in Development (Practical)	

Course outcomes:

The student at the completion of the course will be able to:

- Understands the scope of landscape architecture and elements of landscape in interior spaces.
- Understands the impact of human activities on the environment and the role of architect in mitigating it.
- To make students aware role and importance of landscaping and site planning in enhancing and improving the quality of building environs, functionally and aesthetically.
- To be able to design effectively for the given landscape areas. To be able to address the issues of landscape design at public spaces
- Better understanding of landscape design functionally and aesthetically.

Credits: 5 (10)

Core Compulsory

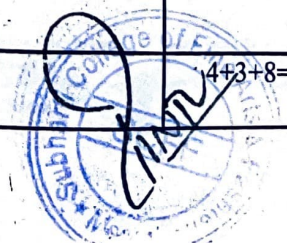
Max. Marks: 100

Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37

Unit	Topics	No. of Lectures = 75
I	Introduction to landscape architecture. <ul style="list-style-type: none"> • Role of landscaping design in the built environment. • Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. • Elements of interior landscape - Landforms, Plant material, water, rocks, lighting etc. Parameters in Landscape designing for various type of built forms- outdoor to indoor linkage.	4+3+8=15
II	Landscaping design parameters for various types of built forms- Indoor and Outdoor linkage to spaces. <ul style="list-style-type: none"> • Indoor plants and their visual characteristics - colour, texture, foliage • Gardening Techniques - grafting, pruning, layering, topiary cutting • Flowers- Its colours, texture and its visual perception in various indoor spaces and science of flower arrangement. 	4+3+8=15
III	Water - Various forms 'of water elements in a landscape - fountains, waterfalls, pools, cascades, channels irrigation etc. <ul style="list-style-type: none"> • Importance and use of water as a landscape design element. 	4+3+8=15
IV	Exercise on interior landscape with advanced landscaping <ul style="list-style-type: none"> • Introduction to Design Concept development • Design a landscape exercise with advanced techniques. • Conceptual zoning of landscape areas. • Conceptualization of different zones and materials required for it. • Segregation of hardscape & softscape. 	4+3+8=15
V	Landscape design development <ul style="list-style-type: none"> • Documentation and presentation of master plan. 	4+3+8=15

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- Layout plan
- Material details
- Planting plan
- Lighting plan
- Basic gradation plan
- Sections and elevations

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Time saver standards for landscape architecture			
2.	Planting design	Theodore D. Walker		VNR Publications, New York
3.	Landscaping Principles and Practices	Jack E. Ingels		Ingels, Delmar Publishers.

Suggested Digital Platform:

- <https://happho.com/design-types-indoor-landscaping/>
<https://in.pinterest.com/botanicusgreen/interior-landscaping-design/>
<https://www.rios.com/interior-landscapes/>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design Landscaping.

5. BASICS OF VAASTU (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 8th
INTERIOR DESIGN		
Course Code:	Course Title: Basics of Vaastu (Practical)	
<p>Course outcomes: The student at the completion of the course will be able to:</p> <ul style="list-style-type: none"> ○ Create understanding of scientific background, origin of Vaastu. ○ Direct directions for different areas for residential and commercial projects. ○ Program Vaastu tips for the projects, progressively and to enable them to represent the different building areas through relevant drawings. ○ To develop different steps of Vaastu methodology for step-by-step diagnosis of any problem and then applying Vaastu techniques for balancing. ○ Create application of popular Vaastu remedies as well as using household objects as remedies for achieving desired results. 		
Credits: 5 (10)	Core Compulsory	
	Min. Passing marks: 40	

Deha



Max. Marks: 100

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 8-0-37

Unit	Topics	No. of Lectures = 75
I	Introduction <ul style="list-style-type: none">• Overview of the history and scientific background of Vaastu& understanding Life force Energy• Importance of Five Elements and Cardinal Directions• Principles of Vaastu Shastra• Selection of Land• VeedhiShoola.	4+3+8=15
II	Space Planning <ul style="list-style-type: none">• Space planning as per Vaastu Shastra• Building Design - Floor level, Height factors, Verandas, Balconies, Porch, Basements, Sumps & Borings, Boundary Walls, Parking, Security Guard Room, Overhead Tanks, Septic Tanks, Water flow, Mezzanine floors, Plants and Greenery.	4+3+8=15
III	Vaastu for Residence <ul style="list-style-type: none">• Importance of Vaastu in residence design• Orientation and planning of Bed Room, Living Room, Kitchen, Dining Room, Bathroom, Drawing room, Study Room, Puja Room, Library, Store room, Doors, Main Entrance, Staircase, Servants room, Guest Room as per Vaastu Shastra.• Interior decoration as per Vaastu Shastra	4+3+8=15
IV	Commercial Vaastu <ul style="list-style-type: none">• External and Internal Planning for Offices, Shops, Restaurants, Showrooms, Schools, Hospitals and Other Commercial establishments according to Vaastu Shastra.	4+3+8=15
V	Remedial Vaastu and Pyramids <ul style="list-style-type: none">• Identifying the Vaastu Defects• Rectification of Vaastu Defects in Existing Building• Color therapy• Discussion on different building Plans• Introduction to Power of Pyramids• Application of Pyramids in Vaastu• Remedies with Pyramids	4+3+8=15

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Golden Rules of Vaastu Shastra-Remedies and Solutions	Suman Pandit		

Suggested Digital Platform:

<https://housing.com/news/best-vastu-shastra-tips-interior-decor/>

<https://www.vaastuinternational.com/planinterior.html>

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

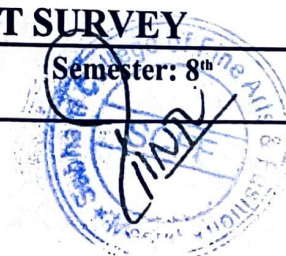
Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design according Vaastu Shastra.

6.INDUSTRIAL TRAINING/ SURVEY/ PROJECT /MARKET SURVEY

Programme/Class:	Year: Forth	Semester: 8 th
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Honors in Interior Design		
INTERIOR DESIGN		
Course Code:	Course Title: Elements of Green Building (Theory)	
Course outcomes:		
<ul style="list-style-type: none"> ○ To gain practical experience in real -world interior design projects. ○ Develop a professional portfolio of completed design work. ○ Enhance communication and presentation skills. ○ Gain insights into the day-to-day responsibilities for an interior designer. ○ Explore various design styles and materials area trends in the field. ○ Acquire valuable feedback and mentorship from experienced designers. 		
Credits:6 (12)	Core Compulsory	
Max. Marks: 100	Min. Passing marks:	
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:90		
Unit	Topics	No. of Lectures Total=90
I	<p>Market survey-This market survey aims to provide relevant information on the building material market in Chile so that Indian exporters may get a deep understanding of it and may also develop and execute a successful market entry into Chile. (Steel, lime, sand, cement, wood product, Fiber wood product, Painting & coating, sanitary fittings etc.)</p> <ul style="list-style-type: none"> • Student shall work for a period of 45 days in an office of building material & construction market survey • Student shall be submitting weekly/monthly work report • Student shall be submitting critical appraisal of built projects • Student shall be submitting documentation of market survey details and site supervision of built projects. • Student will also have to submit the research as per the supervision by the Guide. 	
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.		
Suggested Continuous Evaluation Methods:		
Class Performance/Practical Exam/Submission/Viva/Attendance		
Course pre requisites: The eligibility for this paper is 10+2 with any subject		
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.		

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