

REVISED SYLLABUS

OF

DIPLOMA IN INTERIOR DESIGN

**PREMLILA VITHALDAS POLYTECHNIC
S.N.D.T. WOMEN'S UNIVERSITY
JHU ROAD, SANTACRUZ (W)
MUMBAI-400 049**

PREMLILA VITHALDAS POLYTECHNIIC

Diploma in Interior Design – Subjects Distribution				
Semesters	Creative	Skills	Technical	Humanity
Sem. I & Sem. II	Basic Design Concepts	Drawing skills Verbal and Graphical Communication Workshop	Building Technology History of Arts	Language Sociology Open Programme/ Extra Mural Yoga
Sem. III & Sem. IV	Basic Design Concepts Interior Design Landscape Design	Specification, Estimation & Tendering / Professional Practice Workshop Verbal and Graphical Communication	Building Technology Services History of Furniture Designs	Personality Development Open Programme/ Extra Mural
Sem. V	INERNSHIP			
Sem. VI & Sem. VII	Interior Design Furniture Design Product Design Display Design	Graphical Communication	Construction Service Management Climatology Restoration & Recycling -VI Business Management	

SNDT Women's University 1, Nathibai Thackersey Road, Mumbai 400020

Syllabus format
Revision –Dated –22/4/19

Faculty Name:	Technical
Course Name:	Diploma in Interior Design

Scheme:	Semester I								
Sr. No.	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-101	BASIC DESIGN CONCEPTS-I	2	4	3	50/2	50	50/2	100	4
ID-102	DRAWING SKILLS-I	0	5	0	0	50	50	100	3
ID-103	WORKSHOP – I	0	3	0	0	50	50	100	2
ID-104	BUILDING TECHNOLOGY & SERVICES -I	4	4	3	50/2	50	50/2	100	6
ID-105	HISTORY OF ART-I	4	0	3	50	50	0	100	4
ID-106	VERBAL & GRAPHICAL COMMUNICATION-I	2	2	0	50/2	50	50/2	100	3
ID-107	ENVIRONMENTAL STUDIES	2	0	2	50	50	0	100	2
		14	18					700	24

Scheme:	Semester II								
Sr. No.	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-201	BASIC DESIGN CONCEPTS-II	2	4	3	50/2	50	50/2	100	4
ID-202	DRAWING SKILLS-II	0	5	0	0	50	50	100	3
ID-203	WORKSHOP – II	0	3	0	0	50	50	100	2
ID-204	BUILDING TECHNOLOGY & SERVICES -II	4	4	3	50/2	50	50/2	100	6
ID-205	HISTORY OF ART-II	4	0	3	50	50	0	100	4
ID-206	VERBAL & GRAPHICAL COMMUNICATION-II	2	2	0	50/2	50	50/2	100	3
		12	18					600	22

Scheme: Semester III									
Sr. No.	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-301	BASIC DESIGN CONCEPTS-III	1	2	0	50/2	50	50/2	100	2
ID-302	INTERIOR DESIGN –I	0	8	0	0	50	50	100	4
ID-303	WORKSHOP – III	0	3	0	0	50	50	100	2
ID-304	BUILDING TECHNOLOGY & SERVICES -III	4	4	3	50/2	50	50/2	100	6
ID-305	HISTORY OF FURNITURE DESIGN	2	0	2	50	50	0	100	2
ID-306	SPECIFICATION & TENDERING	2	0	2	50	50	0	100	2
ID-307	VERBAL & GRAPHICAL COMMUNICATION-II	2	2	0	50/2	50	50/2	100	3
		11	19					700	21

Scheme: Semester IV									
Sr. No.	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-401	BASIC DESIGN CONCEPTS-IV	1	2	0	50/2	50	50/2	100	2
ID-402	INTERIOR DESIGN-II	0	8	0	0	50	50	100	4
ID-403	LANDSCAPE DESIGN	1	2	2	0	50	50	100	2
ID-404	WORKSHOP – IV	0	3	0	50/2	50	50/2	100	2
ID-405	BUILDING TECHNOLOGY & SERVICES -IV	4	4	3	50	50	0	100	6
ID-406	PROFESSIONAL PRACTICES	2	0	2	50	50	0	100	2
ID-407	VERBAL & GRAPHICAL COMMUNICATION-III	2	2	0	50/2	50	50/2	100	3
		10	21					700	21

Scheme: Semester V – INTERNSHIP									
	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-501	INDUSTRY TRAINING	--	---	--	---	---	---	500	20

Scheme:		Semester VI - (University Examination)							
Sr. No.	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-601	INTERIOR DESIGN-III	0	8	0	0	50	50	100	4
ID-602	FURNITURE & PRODUCT DESIGN-I	2	2	0	0	50	50	100	3
ID-603	BUILDING TECHNOLOGY & SERVICES - V	2	3	2	50/2	50	50/2	100	4
ID-604	RECYCLING & RESTORATION	2	0	3	100/2 =50	50	0	100	2
ID-605	DISPLAY DESIGN-I	0	3	0	0	50	50	100	2
ID-606	BUSINESS COMMUNICATION AND MANAGEMENT	4	0	3	100/2 =50	50	0	100	4
ID-607	GRAPHICAL COMMUNICATION –IV	1	1	0	0	50	50	100	2
		11	17					700	21

Scheme:		Semester VII - (University Examination)							
Sr. No.	Subjects	L	P/T	D	TP	TW	P/V	T	CR
ID-701	INTERIOR DESIGN-IV	0	8	0	0	50	50	100	4
ID-702	FURNITURE & PRODUCT DESIGN-II	2	2	0	0	50	50	100	3
ID-703	BUILDING TECHNOLOGY & SERVICES - VI	2	3	2	50/2= 25	50	50/2 =25	100	4
ID-704	CLIMATOLOGY	2	0	3	100/2 =50	50	0	100	2
ID-705	DISPLAY DESIGN-II	0	3	0	0	50	50	100	2
ID-706	ENTREPRENEURSHIP DEVELOPMENT	4	0	3	100/2 =50	50	0	100	4
ID-707	GRAPHICAL COMMUNICATION –V	1	1	0	0	50	50	100	2
		11	17					700	21

Summery

Semester	Total no. of credits	Total no. of Subjects	Total no. of hours/week
Sem. I	24	7	32
Sem. II	22	6	30
Sem. III	21	7	30
Sem. IV	21	7	31
Sem. V - INTERNSHIP	20	---	40
Sem. VI	21	7	28
Sem. VII	21	7	28
	Total 150		

CODE NO.	101	Diploma In Interior Design		
Semester	I	Subject:	Basic Design Concepts-I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	2	4	6	

Course Objectives:	
	<ol style="list-style-type: none"> 1. To introduce simple design elements – points, lines, planes. 2. To study and apply principles of Design. 3. To study various elements of Design. 4. To introduce the dimensions of colour. 5. To introduce issues in space design.

Course Contents:		No. of Hours/ Semester = 90	% weightage
MODULE 1		20	25
<ol style="list-style-type: none"> 1. Introduction to basic elements of design. <ol style="list-style-type: none"> a) Points b) Lines - Direction and Intensities Character of lines c) Planes - Exercises on lines to define planes Exercises on colour to define planes. 2. Two dimensional design: Compositions based on Principles of Design. 			
MODULE 2		20	25
<ol style="list-style-type: none"> 3. Basic geometrical forms (single units) Exercises in development of 3-D forms through model making. Rendering surfaces in different colours and mediums. 4. Design Composition using more than one 3-D form Stability and balance. Relationships and arrangements. 5. Theory of colours-Primary, secondary, tertiary Skills and tones, Development of colour sense. 			
MODULE 3		20	25
<ol style="list-style-type: none"> 6. Study of elements of environmental design. Forms, Textures, Patterns, Light, Scale, proportion and Colour 7. Study of space design - Meaning of space design / Procedure of design, Creativity, Good taste, Philosophy 			
MODULE 4		30	25
Self Study and Project Work			

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as drawing sheets . ▪ Sessional for design theory will be in the form of journals. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	102	Diploma In Interior Design		
Semester	I	Subject:	Drawing Skills - I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	3
	0	5	5	

Course Objectives:	
	<ol style="list-style-type: none"> To familiarize with drawing materials and equipments. To introduce drawing skills as tools to design representation. To introduce principles and systems of graphic representation. To develop visual perception skills using different media and techniques. To develop skills of drawing shade & shadow techniques.

Course Contents:		No.of Hours/Sem = 75	% weightage
	MODULE 1- Technical Drawing <ol style="list-style-type: none"> Introduction to scale drawing.Metric scales, British scales, construction of different scales and their uses in practice. Measuring and drawing to scale, furniture, rooms, door and various objects. Lettering for titles, annotations of drawings, differentiation between drawn, Printed, modeled and carved letterings.Symbolic representation of building elements on drawing as per Indian Standards and international standards. 	25	30
	MODULE 2- Technical Drawing <ol style="list-style-type: none"> Solid geometry. Study of solid geometrical forms in various position including groups of different forms. Interpretation of solids. Various systems of representations including: Orthographic, Isometric, Axonometric 	20	30
	MODULE 3- Freehand Drawing <ol style="list-style-type: none"> Basic elements of drawing: Line, Texture, Colour Simple exercises in drawing to develop visual understanding: Circles, Converging and diverging lines, Dividing lines proportionately, Sketching angles, Finding center visually, 2-D Patterns Freehand Sketching of various objects:Isometric view, Perspective view, Changing the eye level, Exercises in sketching by using geometrical forms. Out-Door sketching from nature: Study of proportions and relationships, Distance and depth in Drawing Visual balance. 	30	40

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as drawing sheets . Sessional for freehand drawing will be in the form of sketch book and drawing sheets. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	103	Diploma In Interior Design		
Semester	1	Subject:	Workshop-I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	0	3	3	

Course Objectives:	
	<ol style="list-style-type: none"> To acquire understanding of various materials and tools by making objects, explore forms & textures etc. To acquire working knowledge of various crafts.

Course Contents:		No.of Hours/Session = 45	% weightage
MODULE 1 1. Exercises in use of various materials and mediums with an objective to give practical knowledge of the materials and develop creative ideas. a) Paper b) Mount Board c) Paints MODULE 2 2. Exercises in use of various materials and mediums with an objective to give practical knowledge of the materials and develop creative ideas. a) Wire/Metal b) Mirrors/Tiles c) Clay		20	50
		25	50

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as models. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	104	Diploma In Interior Design		
Semester	1	Subject:	Building Technology & Services– I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	6
	4	4	8	

Course Objectives:	
	<ol style="list-style-type: none"> 1. To introduce basic materials used in construction their physical and behavior properties. 2. To introduce basic components of a building and methods of representation of the same through drawings. 3. To introduce basic definitions in building services.

Course Contents:	No.of Hours/sem = 120	% weightage
MODULE 1- Materials <ol style="list-style-type: none"> 1. Bricks/Tiles-Qualities of Ist class bricks and their uses in interior finishes. 2. Concrete-Ingredients of concrete, properties of concrete, various finishes. 3. Cement - Properties of normal setting cement & its usages. Cement based products. 4. Plasters-Types of plaster, Defects in plaster, its repairs, mixes, curing and finishes. Traditional mixes & modern mixes. 	30	25
MODULE 2-B.Tech. <ol style="list-style-type: none"> 1. Foundations: Basic Foundations, R.C.C. Foundations, (Drawing of various types of foundations.) 2. Brick Masonary, Types of Bonds, Types of Brick Walls Decorative brick work in interiors – Drafting exercises based on above (Drawing for the above) 	15	15
MODULE 3-B.Tech. <ol style="list-style-type: none"> 3. Openings in walls - Arches, lintels, door and window openings.(Drawings in plan, elevation and section for the above) 	15	20
MODULE 4-Services <ol style="list-style-type: none"> 1. Introduction to water supply and sanitation. 2. House drainage: Principles and elements: Soil and waste water, traps, inspection chambers, gradients, sewers, septic tanks, ventilation of drains. 3. House water supply - system and various parts. 	15	12
MODULE 5-Services <ol style="list-style-type: none"> 4. Sanitary fittings: Wash basin, kitchen sink, bath tubs, water closets, urinals, bidet etc. And their functions and connection to waste pipes. 5. Sanitary fixtures: Various types of water-supply fixtures and fittings and their functions and usages. 	15	13
MODULE 6-Project Work Self Study and Project Work	30	15

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as drawing sheets. ▪ Sessional for materials theory will be in the form of journal and material charts.
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		Module I to III, VI	Section IV, V
	Unit tests and Assignments -	25 Marks	20 Marks
	Average Attendance for both the sections -	5 Marks	
	Final practical and theory exam-	25 Marks	25 marks
		Total	100 Marks

CODE NO.	105	Diploma In Interior Design		
Semester	I	Subject:	History of Arts - I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	4	-	4	

Course Objectives:	
	<ol style="list-style-type: none"> 1. To create awareness of history as an aid to design process. 2. To develop understanding of prehistoric and ancient constructions for habitat. 3. To the history of development of Art & Architecture in Indian sub-continent – Hindu Buddhist and Islamic Architecture.

Course Contents:	No.of Hours/Se m = 60	% weightage
MODULE 1- History of Design 1. Introduction and purpose of study of History. 2. Relationship between Architecture, Interior Design and Interior Decoration. 3. Prehistoric and primitive construction methods.	15	25
MODULE 2- History of Design 4. General orientation of History of Indian Architecture and Art, Stressing adaptation of art forms in different periods. 5. Analytical studies enquiring into development of art and design in Various periods of Indian History from Vedic Times of Mughal period.	15	25
MODULE 3- Sociology 1. Basic concepts in Sociology of ‘Community’ 2. Rural India: Social spaces.	15	25
MODULE 4- Sociology 3. Forms of village and their relation to environment and ecology. 4. Structure of a village in Indian Society. 5. Domestic Spaces in relation to social life, Art, Craft and Rituals.	15	25

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessional for design theory will be in the form of journals. 												
	<table> <thead> <tr> <th></th> <th>Module I,II</th> <th>Module III,IV</th> </tr> </thead> <tbody> <tr> <td>Unit Test/ assignment -</td> <td>25 Marks</td> <td>25 Marks</td> </tr> <tr> <td>Final Semester Exam-</td> <td>25 Marks</td> <td>25 marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> <td></td> </tr> </tbody> </table>		Module I,II	Module III,IV	Unit Test/ assignment -	25 Marks	25 Marks	Final Semester Exam-	25 Marks	25 marks	Total	100 Marks	
	Module I,II	Module III,IV											
Unit Test/ assignment -	25 Marks	25 Marks											
Final Semester Exam-	25 Marks	25 marks											
Total	100 Marks												

CODE NO.	106	Diploma In. Interior Design		
Semester	I	Subject:	Verbal and Graphical Communication-I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	3
	2	2	4	

Course Objectives:	
	<ol style="list-style-type: none"> To develop proficiency in correct usage of English for written communication. Topic should be related to: Every day life, Current topics, Interior Design and Display. To develop skills in verbal communication of English. To develop skills in graphical communication using computerized presentation techniques.

Course Contents:	No.of Hours/Sem = 60	% weightage
MODULE 1- Verbal Communication <ol style="list-style-type: none"> Exercise on use of punctuation. Exercise on use of tenses. Exercise on correct formation of sentences. Exercise on comprehension and precise writing. Essay Writing. Communication Theory. 	30	50
MODULE 2- Graphical Communication <ol style="list-style-type: none"> Introduction To Autocad 2D, Cad Features & Advantages, Industrial Requirements of CAD. Advance setup like Limits, Units, Grids, Snap, Osnap, Ortho, & Polar Drawing setups. Using 2D Commands. Using Modify Commands. Editing Properties 	15	25
MODULE 3- Graphical Communication <ol style="list-style-type: none"> Application Of Block View Commands Hatching Layers Dimensions Printing or Plotting. 	15	25

Course Evaluation:	<ul style="list-style-type: none"> Sessional for theory will be in the form of journals. 															
	<table> <thead> <tr> <th></th> <th>Module I,II</th> <th>Module III</th> </tr> </thead> <tbody> <tr> <td>Unit tests and Assignments -</td> <td>25 Marks</td> <td>20 Marks</td> </tr> <tr> <td>Average Attendance for both the sections -</td> <td colspan="2">5 Marks</td> </tr> <tr> <td>Final practical evaluation -</td> <td>25 Marks</td> <td>25 Marks</td> </tr> <tr> <td></td> <td>Total</td> <td>100 Marks</td> </tr> </tbody> </table>		Module I,II	Module III	Unit tests and Assignments -	25 Marks	20 Marks	Average Attendance for both the sections -	5 Marks		Final practical evaluation -	25 Marks	25 Marks		Total	100 Marks
	Module I,II	Module III														
Unit tests and Assignments -	25 Marks	20 Marks														
Average Attendance for both the sections -	5 Marks															
Final practical evaluation -	25 Marks	25 Marks														
	Total	100 Marks														

CODE NO.	107	Diploma In. Interior Design		
Semester	I	Subject:	Environmental Studies	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	2	0	2	

Course Objectives:	
	1. To develop awareness regarding social and environmental issues.

Course Contents:		No.of Hours/Sem = 30	% weightage
	<p>MODULE 1</p> <p>The Multidisciplinary Nature of Environmental Studies.- -Definition, scope and importance. Need for public awareness</p> <p>Ecosystems Concept of an ecosystem.- Structure and function of an ecosystem. Producers, consumers and decomposers. Energy flow in the ecosystem .</p> <p>Ecological succession.- Food chains, food webs and ecological pyramids. Introduction, types, characteristic features, structure and function of the following ecosystem:(a) Forest ecosystem(b) Grassland ecosystem(c) Desert ecosystem(d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)</p> <p>Renewable and Non-renewable- Forest resources: Water resources: Mineral resources Food resources Energy resources ,Land resource: Resources: Natural resources and associated problems.</p> <p>Role of an individual in conservation of natural resources. - Equitable use of resources for sustainable lifestyles. Biodiversity and Its Conservation Introduction, definition: genetic, species and ecosystem diversity.</p> <p>Biogeographical classification of India.- Value of bio diversity: consumptive use, productive use, social, ethical, aesthetic and option values. Biodiversity at global, National and local levels.</p> <p>India as a mega-diversity nation Hot-spots of biodiversity.- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts.. Conservation of biodiversity: in-situ and ex-situ conservation of biodiversity.</p> <p>MODULE 2</p> <p>Solid waste management. - Causes, effects and control measures of urban and industrial wastes.Role of an individual in prevention of pollution.</p>	15	50
		15	50

	<p>Diaster management.- Foods, earthquake, cyclone and landslides Human Population and the Environment Population growth, variation among nations. Population explosion. Family Welfare Programme.</p> <p>Environment and human health. - Human rights. Value education.HIV/AIDS. Women and Child Welfare Role of Information Technology in environment and human health.pp</p> <p>Social Issues and the Environment- From unsustainable to sustainable development Urban problems related to energy. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.</p> <p>Field Work. Visit to a local area to document environmental assets. - river/forest/grassland/hill/mountain. Visit to a local polluted site—Urban/Rural/Industrial/Agricultural. Study of common plants, insects, birds. Study of simple ecosystems—pond, river, hill slopes, etc</p>		
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Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessional for theory will be in the form of journals. 	
	Unit Tests Project Semester Exam Total	25 Marks 25 Marks 50 Marks 100 Marks

CODE NO.		Diploma In Interior Design		
Semester	I	Subject:	Open Programme	
Total Marks	Hours per Week			Credits
	Theory	Practical	Total	-
	-	3	3	

Course Objectives:	
	<ul style="list-style-type: none"> • To introduce students to various other topics related to design field. • To create awareness regarding other extra curricular activities.

Course Contents:	
	<p><u>Lecture/Demonstrations:</u></p> <p>On various topics in art to develop holistic approach to design and living. Wide spectrum of visiting personalities in art and related to enhance understanding of universal generalities and art of living.</p> <p><u>Site Visits:</u></p> <p>Visiting to Museums, Art Galleries etc. to develop basic knowledge of purpose and influenced of various art forms in our daily life.</p>

Course Evaluation:	

CODE NO.	201	Diploma In Interior Design		
Semester	II	Subject:	Basic Design Concepts - II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	2	4	6	

Course Objectives:	
	<ol style="list-style-type: none"> 1. Study proportions of the human body. 2. To study relationship of man to the forms and spaces used in living activity (anthropometrics) 3. To study the process of design through case studies and exercises.

Course Contents:	No.of Hours/Sem = 90	% weightage
MODULE 1 1. Introduction to basic spatial needs of man – his requirements of pace for living activities and for circulation. 2. Studies of space allocation based on the theory of basic design. 3. Appreciation of man’s relationship with surrounding space and the space occupied by other forms related to his activities.	20	25
MODULE 2 4. Study of single units like (1) Living area (2) Sleeping area (3) Cooking area (4) Study space etc. 5. Inters related multi-units serving combined function of men, combining the different units like (1) Living area (2) Sleeping area (3) Cooking area. 6. Training in the analytical approach for every project based on principles of basic design.	20	25
MODULE 3 7. Critical Analysis of existing spaces in interior design, public spaces, private places, a) Study and describe given environment in words based on principals of design. b) Analysis of design to perceive elements, which define the character of the environment. c) Analysis of Design Process. 8. Lecture to explain process of design: Creation of Spaces through analysis & synthesis. Analysis of purpose and functional space planning. Materials & methods of construction. Light & air ventilation – comfort conditions. 9. Exercises in analysis of design Problems and evolving solution –Concept formation for design.	20	25
MODULE 4 Self Study and Project Work	30	25

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as drawing sheets. ▪ Sessional for design theory will be in the form of journals.
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	Unit Tests	20 Marks
	Assignments	25 Marks
	Attendance	5 Marks
	Semester Exam	50 Marks
	Total	100 Marks

CODE NO.	202	Diploma In Interior Design		
Semester	II	Subject:	Drawing Skills - II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	3
	0	5	5	

Course Objectives:	
	<ol style="list-style-type: none"> To develop skills in representation of 3-D views through prospective drawings. To develop skills in rendering the drawings and representing shade and shadows graphically To develop skills of sketching simple geometric forms, objectives in nature, shading techniques, perspective views in pencil and in colour.

Course Contents:	No. of Hours/Session = 75	% weightage
MODULE 1- Technical Drawing 1. Principles of perspective drawing. <ol style="list-style-type: none"> One point perspective of simple solids Two point perspective of simple solids 2. Sciography-study of shades and shadows: <ol style="list-style-type: none"> Study of shades and shadows of simple forms Study of shades and shadows of groups of forms 	25	30
MODULE 2- Technical Drawing 4. Exercises in drawing perspectives of Interior spaces showing shades and shadows.	20	30
MODULE 3- Freehand Drawing 1. Simple design problems related to elements of interior spaces based on visualization through sketches <ol style="list-style-type: none"> Proportions Massing Surfaces textures Spaces Materials 2. Composition of related shapes and relation of composition to its field. 3. Out-door and in-door sketching with emphasis on observation of: <ol style="list-style-type: none"> Space-relation. Forms of trees or such elements including study of its pattern of growth and relationship and balance in its environment. Sketches of (i) Buildings (ii) Street scenes (iii) Interiors etc. considering principles of perspective taught. 5. Colour theory and colour dimensions & its use in colour rendering.	30	40

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as drawing sheets . Sessional for freehand drawing will be in the form of sketch book and drawing sheets. 												
	<table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: center;">Module I, II</td> <td style="text-align: center;">Section III</td> </tr> <tr> <td>Unit tests and Assignments -</td> <td style="text-align: center;">25 Marks</td> <td style="text-align: center;">20 Marks</td> </tr> <tr> <td>Average Attendance for both the sections -</td> <td colspan="2" style="text-align: center;">5 Marks</td> </tr> <tr> <td>Final practical evaluation -</td> <td style="text-align: center;">25 Marks</td> <td style="text-align: center;">25 marks</td> </tr> </table>		Module I, II	Section III	Unit tests and Assignments -	25 Marks	20 Marks	Average Attendance for both the sections -	5 Marks		Final practical evaluation -	25 Marks	25 marks
	Module I, II	Section III											
Unit tests and Assignments -	25 Marks	20 Marks											
Average Attendance for both the sections -	5 Marks												
Final practical evaluation -	25 Marks	25 marks											

	Total 100 Marks
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CODE NO.	203	Diploma In Interior Design		
Semester	II	Subject:	Workshop - II	
Total Marks	Hours per Week			Credits
	Theory	Practical	Total	
100	0	3	3	2

Course Objectives:	
	To develop understanding of wood as a material for furniture and for building through working with wood and wood produces.

Course Contents:		No.of Hours/Sem = 45	% weightage
MODULE 1		20	50
1. Exercises in planning, sawing, sanding and joining of wood.			
2. Demonstration of wood-working machines – lathe and fret saw.			
MODULE 2		25	50
3. Exercises in painting, polishing including preparation of surfaces before finishing like wood, plaster, glass, metals etc. (Students should prepare small item in wood utilizing techniques known to them.)			
4. Study through models and sculptures of different materials like paper, clay, wax, soap, wires etc. both mobile and immobile.			

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as models.
	Assignments 45 Marks Attendance 5 Marks Practical Exam 50 Mark Total 100 Marks

CODE NO.	204	Diploma In Interior Design		
Semester	II	Subject:	Building Technology & Services - II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	6
	4	4	8	

Course Objectives:	
	<p>1) To acquire knowledge of various types of stone, timber and metals for constructions, their properties and uses.</p> <p>2) The study in detail construction using stone, timber and metal and other metal alloys in interior design and architecture.</p>

Course Contents:	No. of Hours/sem = 120	% weightage
MODULE 1- Materials 1. Stone masonry. Stones: Various types, their properties and use in interior decoration. 2. Timber construction. Wood: Properties uses, availability and costs of soft, hard and medium wood. Choice of wood for furniture making & building construction. Wood Based Products: Comparative properties and uses of the following commercial plywood block board, particle board, teak ply board, teak block board, teak particle board, both side teak boards. Cane, Bamboo, Rubber, Wood. 3. Steel & other metal alloys. Steel used for furniture making, sizes and availability of steel for various functions and various shapes. Properties & use of steel, aluminum for construction	30	20
MODULE 2- B.Tech Carpentry joints, Use of typical joining in construction of various items. Roof Trusses & Floor construction.	15	15
MODULE 3- B.Tech Types of stone masonry, Stone cladding. Construction of floors, roof & walls using steel.	15	15
MODULE 4- Services 1. Principles of heat and sound propagation 2. Co-efficient of conductivity – Definition, Usage in acoustic treatment 3. Acoustical defects – Echo, Reverberation, Sound foci	15	15
MODULE 5- Services 4. Sound transmission between rooms - Sound isolation, Background noise, Speech privacy in between offices 5. Methods of achieving good acoustic condition in auditoriums, classrooms etc. Construction details for acoustic treatment of rooms.	15	15
MODULE 6- Self Study and Project Work	30	20

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as drawing sheets . Sessional for materials theory will be in the form of journal and material charts. 												
	<table> <tr> <td></td> <td>Module I to III,VI</td> <td>Section IV,V</td> </tr> <tr> <td>Unit tests and Assignments -</td> <td>25 Marks</td> <td>20 Marks</td> </tr> <tr> <td>Average Attendance for both the sections -</td> <td>5 Marks</td> <td></td> </tr> <tr> <td>Final practical and theory exam-</td> <td>25 Marks</td> <td>25 marks</td> </tr> </table>		Module I to III,VI	Section IV,V	Unit tests and Assignments -	25 Marks	20 Marks	Average Attendance for both the sections -	5 Marks		Final practical and theory exam-	25 Marks	25 marks
	Module I to III,VI	Section IV,V											
Unit tests and Assignments -	25 Marks	20 Marks											
Average Attendance for both the sections -	5 Marks												
Final practical and theory exam-	25 Marks	25 marks											

	Total	100 Marks
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CODE NO.	205	Diploma In. Interior Design		
Semester	II	Subject:	History of Arts - II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	4	-	4	

Course Objectives:	
	<ol style="list-style-type: none"> To study historical development of art and architecture in the world w.r.t. the growth of the religions and cultural changes. to study the architectural historic styles around the world.

Course Contents:	No.of Hours/Sem = 60	% weightage
MODULE 1- History of Design 1. Study in historical development of art and architecture in the world with respect to : a) Religions, cultural and social conditions b) Technological development c) Import of foreign ideas d) Forms in art and architecture	15	25
MODULE 2- History of Design 2. Development of Architectural Styles : a) Egypt and West Asia b) Greece and Rome c) Byzantium and early Christian style. d) Romanesque style e) Gothic style f) Renaissance and Baroque style. Oriental	15	25
MODULE 3- Sociology 1. Socio-Economic conditions in India From Pre-historic times. Indus Valley Civilization (This topic is studied in details as it helps to understand direct relationship between the social, economic and cultural aspirations of man and its concrete expression in the form of artifacts and architectural structures). - Vedic times covering Vedic philosophy, social life, societal structure including caste system. - India before the advent of Britishers. - Impact of Western Culture – Industrial revolution – Rise of class, Social reforms.	15	25
MODULE 4- Sociology 2. Social Order - Social Control, Social Role of Religion, Law, Morality, Customs 3. Social change – Meaning, Definition, Factors affecting, social change, Changes occurring in family, Economic Life, Social Life, Religion Life, Welfare State.	15	25

Course Evaluation:	<ul style="list-style-type: none"> Sessional for will be in the form of journals.
	Unit Tests 50 Marks Semester Exam 50 Marks

	Total 100 Marks
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CODE NO.	206	Diploma In Interior Design		
Semester	II	Subject:	Verbal & Graphical Communication - II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	
	2	2	4	
				3

Course Objectives:	
	<ol style="list-style-type: none"> 1. To develop skills of letter-writing précis's writing. 2. To develop skills in public speaking and improve vocabulary of terms Used in interior design field.

Course Contents:	No.of Hours/Sem = 60	% weightage
MODULE 1- Verbal Communication 1. Letter Writing a) Taking notes b) Business correspondence c) Enquiry letters d) Quotation and order letters e) Complaint and adjustment f) Letters. 2. Précis Writing a) Summarizing b) Paraphrasing c) Making notes (synopsis) 3. Public Speaking a) Dialogue b) Presentation c) Ex-tempore speech 4. Vocabulary – Words related to - a) Architecture b) Furniture c) Designing d) Materials Grammar	30	50
MODULE 2- Graphical Communication 1. Drafting Furniture with details 2. Drafting of Plans and Elevations.	15	25
MODULE 3- Graphical Communication 3. Presentation Drawings.	15	25

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessional for theory will be in the form of journals. 										
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Unit Tests</td> <td style="text-align: right;">20 Marks</td> </tr> <tr> <td>Assignments</td> <td style="text-align: right;">25 Marks</td> </tr> <tr> <td>Attendance</td> <td style="text-align: right;">5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td style="text-align: right;">50 Marks</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: right;">100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.		Diploma In Interior Design		
Semester	II	Subject:	Open Programme	
Total Marks	Hours per Week			Credits
	Theory	Practical	Total	-
	-	-	3	

Course Objectives:	

Course Contents:	
	<p><u>Lecture/Demonstrations:</u></p> <p>On various topics in art to develop holistic approach to design and living. Wide spectrum of visiting personalities in art and related to enhance understanding of universal generalities and art of living.</p> <p><u>Site Visits:</u></p> <p>Visiting to Museums, Art Galleries etc. to develop basic knowledge of purpose and influenced of various art forms in our daily life.</p>

Course Evaluation:	

CODE NO.	301	Diploma In Interior Design		
Semester	III	Subject:	Basic Design Concepts - III	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	1	2	3	

Course Objectives:	
	1) To develop skills in understanding 3D forms in spatial relation with each other. 2) To search for Geometry and grid in nature and understanding natural forms. 3) To learn about color schemes. To learn and practice resolving design problems and evolve concept.

Course Contents:	No.of Hours/Se m = 45	% weightage
MODULE 1 1. Design composition using 3-D forms in various materials like POP, paper, wire, wood etc. and rendering in colour (study through models and sculptures). 2. Space Design Studies of integration of interior and exterior. Space both the horizontal and vertical direction. Relationship between occupied and unoccupied space. Designing of space by shade and shadows, fenestration and interpenetration of forms. Structures defining space and their relationship. (study through models and sculptures).	20	50
MODULE 2 3. Principles of design Balance, Harmony, Rhythm, Emphasis, Proportion applied to Interior Design (Preparation of simple designs). Training in analytical approach for every project based on principles of design (Problem solving exercises) – Developing Concepts. 4. Study and implementation of various color schemes and practice in rendering interior views using colour. Models to express the character of design.	25	50

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as drawing sheets . ▪ Sessional for design theory will be in the form of journals. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	302	Diploma In Interior Design		
Semester	III	Subject:	Interior Design - I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	0	8	8	

Course Objectives:	
	<ol style="list-style-type: none"> To understand the theory and principles of interior Design. To apply principles learnt and develop schemes for simple interior design projects.

Course Contents:	No.of Hours/Sem = 120	% weightage
MODULE 1 1. Introduction to design. Definition attributes, composition of design, factors influencing design.	30	25
MODULE 2 2. Planning The flow of space, circulation, space requirements, scale, standard sizes of furniture, drawing line plan, elevation of interiors and placement of furniture.	30	25
MODULE 3 3. Interior Schemes Preparing Interior Schemes for single rooms capacity in residence – houses or apartments. Drawing plan, elevation, preparing colour schemes, samples of fabrics and perspective views in colour.	30	25
MODULE 4 Self Study and Project Work	30	25

Course Evaluation:	<ul style="list-style-type: none"> The sessional will be in the form of set of complete presentation involving 2D drawings and 3D medium and write-up for the project concept composed on a single sheet. The evaluation should be done in intermediate review consisting of internal & external experts. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	303	Diploma In Interior Design		
Semester	III	Subject:	Workshop-III	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	0	3	3	

Course Objectives:	
	<ol style="list-style-type: none"> To have practical experience of making simple items of furniture out of wood and metal. To have practical experience of painting and polishing.

Course Contents:		No.of Hours/Sem = 45	% weightage
MODULE 1		20	50
<ol style="list-style-type: none"> Exercises of furniture, out of black board, plywood, conduit pipe and wood. Production of one item of furniture by each student with use of carpentry techniques. Finishing of item with appropriate finishes. 			
MODULE 2		25	50
<ol style="list-style-type: none"> Model making of interior projects. 			

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as models. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	304	Diploma In Interior Design		
Semester	III	Subject:	Building Technology & Services- III	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	6
	4	4	8	

Course Objectives:	
	<ol style="list-style-type: none"> To study and understand the different materials and methods of construction used in doors, windows, suspended ceilings and wall paneling. To understand built forms through its behavior in different structural systems. To study and understand the requirements of building services with respect to supply and use of electricity. To study Light in theory and in applications to building design including aesthetic lighting.

Course Contents:	No.of Hours/Se m = 120	% weightage
MODULE 1-Materials Laminates, Properties and uses of laminates, Thermal acoustic materials, Properties and uses of the following: Coaltex, thermocole, sitatex, thermo fridge glass fibres.	30	25
MODULE 2-B.Tech 1.Doors and Windows - Sliding doors and windows, 2.Partitions-Types of partitions, Simple partition (in wood, glass and metals), 3.Ceilings -suspended, Different types of false ceiling, 4.Panelling - Paneling in plywood ply board, wood, laminates.	15	10
MODULE 3-B.Tech.- Introduction to structure : Methods of construction of buildings, Frame structure and load bearing structures, Load distribution in structures. Shear walls, Identification of structural system, Additional and alteration to existing structures	15	15
MODULE 4-Services 1. Introduction to electricity supply and distribution. 2. Sub-Station, Meter Rooms, Meter Board – Individual Units, Earthing, Circuit Breakers. 3. Preparation of electrical layout for different areas including various communication equipment by symbolic representation as per IS-962/1967 including section of matching fittings. Bye-Laws pertaining to electrical layout.	15	10
MODULE 5-Services Introduction to different type of artificial lighting systems, light sources and luminaires, Application of lighting system. Design for lighting in - Shops and show windows, Offices, Classroom and lecture halls, Stage, Auditorium etc.	15	15
MODULE 6- Self Study and Project Work	30	25

Course Evaluation:	Sessionals should be done as drawing sheets based on literature study, visits to construction sites & reports. Sessional for materials will be in the form of journals.		
	Module I toIII,VI	Section IV,V	
Unit tests and Assignments -	25 Marks	20 Marks	
Average Attendance for both the sections -	5 Marks		
Final practical and theory exam-	25 Marks	25 marks	
	Total	100 Marks	

CODE NO.	305	Diploma In Interior Design		
Semester	IV	Subject:	History Of Furniture Design	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	2	-	2	

Course Objectives:	
	<ol style="list-style-type: none"> 1. To understand environment conditions influencing the design of furniture in various cultures and periods in time. 2. Materials and technology used in furniture making history of its evaluation. 3. To study various historic design movements styles, schools of thought and design emphasis.

Course Contents:		No.of Hours/Se m = 30	% weightage
MODULE 1		15	25
<ol style="list-style-type: none"> 1. Environmental conditions influencing furniture – climate, social and economic conditions, materials and their availability. 2. Application of various materials used in furniture, wood, metals furnishing upholstery, plastics, laminates, glass. Methods of care and maintenance, economic of furniture-durability, usability. 3. Study of history of furniture design. Ancient Egypt, West Asia, Rome, Greece, Medeval 15th, 16th, 17th, 18th and 19th century. 			
MODULE 2		15	25
<ol style="list-style-type: none"> 4. Development of Interior Design, Modern styles, Oriental styles in Interior Design and Furniture Design. 5. History and development of furniture styles and interior design from 15th century to modern times. Studies based on: <ol style="list-style-type: none"> a) Climatic, social and economic conditions b) Materials and their availability c) Technological evolution of design 6. Study of typical furniture: <ol style="list-style-type: none"> a) Movable furniture b) Built in furniture c) Ornamentation and accessories. <p>Exercises in analysis of actual furniture pieces and visit to manufacturers</p>			

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessional for will be in the form of journals. 						
	<table> <tr> <td>Unit Tests</td> <td>50 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	50 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	50 Marks						
Semester Exam	50 Marks						
Total	100 Marks						

CODE NO.	306	Diploma In Interior Design		
Semester	III	Subject:	Specifications & Tendering	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	2	-	2	

Course Objectives:	
	<ol style="list-style-type: none"> 1. To acquire knowledge of good specifications 2. To develop skills in estimation of cost of project 3. To understand various methods of tendering

Course Contents:		No.of Hours/Sem = 30	% weightage
	MODULE 1 1. Specifications - Definition - Types 2. Typical specifications for different Interior materials.	15	50
	MODULE 2 3. Tenders - Definition - Types of tenders - Procedures for opening of tenders. 4. Estimating - Definition - Units of measurement - Rates - Problems in rate analysis - Types of estimates - Thumb Rules	15	50

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form of journals . 						
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Unit Tests</td> <td style="width: 50%;">50 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">100 Marks</td> </tr> </table>	Unit Tests	50 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	50 Marks						
Semester Exam	50 Marks						
Total	100 Marks						

CODE NO.	307	Diploma In Interior Design		
Semester	III	Subject:	Verbal and Graphical Communication-III	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	3
	2	2	4	

Course Objectives:	
	<ol style="list-style-type: none"> To enhance one's own personality through self assessments better communications and public speaking. To understand group dynamics in work situation and professional attitudes to work.

Course Contents:		No.of Hours/Se m = 60	% weightage
<p>MODULE 1– Personality Development</p> <ol style="list-style-type: none"> Personality: Definition-meaning-constituents -Personality. Traits and factors. Assessing oneself: Factors responsible, areas of improvement. Practical treaties. Goals in career/life: Goal setting, planning direction with the help of Strengths and deficiencies. The social environment vis-à-vis the individual, taking into account the cross section of the group – social interactions. People – understanding people – communicating with people effective – Situation – Home – Office – elsewhere etc. (for removing the hesitation and breaking the barriers) Society – Role play. Communication – Purpose of communication, types of communication, understanding individuals – Art of listening, asking conversational situations <p>MODULE 2– Graphical Communication</p> <ol style="list-style-type: none"> 3D Concepts Overview of 3D modeling, Difference between Wire-frame, Surface, & Solid Modeling, Converting 2D Objects into 3D using Extrude command, Extrude on Path, Surface Modeling – Thickness. View Point & User Co-Ordinate Systems. Introduction to View Points & UCS Various 2D & 3D views. Creating 3D Models with the help of UCS. View ports. Concepts of View ports. Changing current View port into Multiple View ports, Dividing current View into Single, Two Vertical, Three Horizontal, Four Equal etc. <p>MODULE 3– Graphical Communication</p> <ol style="list-style-type: none"> Surfaces / Solid Modeling 2D Solid, 3D faces & 3D Surfaces, Ruled Surface, Edge Surface. Slice, Section, And Revolve. Solid Editing. Extrude face, Move face, Rotate face, Colour face, Shell, Separate, etc. Union, Subtract, Intersect, 3D Rotate, 3D Array, 3D Mirror, Align. 	<p>30</p>	<p>50</p>	
		<p>15</p>	<p>25</p>
		<p>15</p>	<p>25</p>

	<p>6. 3D Orbit. Continuous orbit, Perspective, Compass, Adjust Clipping Planes, Use Camera.</p> <p>7. Rendering. Using Hide Command, Using Shade Options like, Flat Shade, Gourand Shade etc. Application of Scene, Light, Material, Background, Landscape, etc. Placing & Modifying Lights Adding images in the Background, Final Render.</p>		
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Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form of journals . 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.		Diploma In Interior Design		
Semester	III	Subject:	Open Programme	
Total Marks	Hours per Week			Credits
	Theory	Practical	Total	-
	-	-	3	

Course Objectives:	

Course Contents:	
	<p>Lecture/Demonstrations :</p> <p>On various topics in art to develop holistic approach to design and living. Wide spectrum of visiting personalities in art and related to enhance understanding of universal generalities and art of living.</p> <p>Site Visits :</p> <p>Visits to Museums, Art Galleries etc. to develop basic knowledge of purpose and influenced of various art forms in our daily life.</p>

Course Evaluation:	

CODE NO.	401	Diploma In Interior Design		
Semester	IV	Subject:	Basic Design Concept - IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	1	2	3	

Course Objectives:	
	<ol style="list-style-type: none"> To study the art and craft forms in our own culture. To study the living units at various geographical location and understand use of crafts in its original forms. To develop various places to apply art and craft in interior spaces.

Course Contents:		No.of Hours/Sem = 45	% weightage
	MODULE 1	20	50
	<ol style="list-style-type: none"> Study of famous architects and their structures. Adaptation of the philosophy of famous architects in creating interior related aspects. Styles – study and adaptation for interiors. 		
	MODULE 2	25	50
	<ol style="list-style-type: none"> Tribal art forms study and adaptation for interiors including <ol style="list-style-type: none"> Warli Rajasthani Tanjore Madhubani Miniatures painting <p>Geological conditions and effects on art and craft, Architecture and Building Material</p>		

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as drawing sheets . Sessional for design theory will be in the form of journals. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	402	Diploma In Interior Design		
Semester	IV	Subject:	Interior Design-II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	0	8	8	

Course Objectives:	
	<ol style="list-style-type: none"> To understand the theory and principles of interior Design. To apply principles learnt and develop schemes for simple interior design projects.

Course Contents:	No.of Hours/Se m = 120	% weightage
MODULE 1 1. Introduction to design. Definition attributes, composition of design, factors influencing design.	30	25
MODULE 2 2. Planning The flow of space, circulation, space requirements, scale, standard sizes of furniture, drawing line plan, elevation of interiors and placement of furniture.	30	25
MODULE 3 3. Interior Schemes Preparing Interior Schemes for single rooms capacity in residential Houses or apartments. Drawing plan, elevation, preparing colour Schemes, samples of fabric and perspective views in colour.	30	25
MODULE 4 Self Study and Project Work	30	25

Course Evaluation:	<ul style="list-style-type: none"> The sessional will be in the form of set of complete presentation involving 2D drawings and 3D medium and write-up for the project concept composed on a single sheet. The evaluation should be done in intermediate review consisting of internal & external experts. 						
	<table> <tr> <td>Assignments</td> <td>50 Marks</td> </tr> <tr> <td>Practical Exam/ Viva</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Assignments	50 Marks	Practical Exam/ Viva	50 Marks	Total	100 Marks
Assignments	50 Marks						
Practical Exam/ Viva	50 Marks						
Total	100 Marks						

CODE NO.	403	Diploma In Interior Design		
Semester	IV	Subject:	Landscape Design	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	1	2	3	

Course Objectives:	
	1. To study difference types of natural elements which can be used to transform interior spaces.

Course Contents:		No.of Hours/Sem = 45	% weightage
	MODULE 1 1. Study of plant materials, stones, rocks, pebbles and water as elements of landscape. 2. Study of hard, semi-hard and soft surface characteristics and their materials. 3. types of garden layouts and indoor-out door linkages	25	50
	MODULE 2 4. Exercises of landscape design based on principles motioned above. 5. Constructional details for landscaping. 6. Services for landscaping.	20	50

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form of journals. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	404	Diploma In Interior Design		
Semester	III	Subject:	Workshop-IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	0	3	3	

Course Objectives:	
	<ol style="list-style-type: none"> To have practical experience of making simple items of furniture out of wood and metal. To have practical experience of painting and polishing.

Course Contents:		No.of Hours/Session = 45	% weightage
	MODULE 1 1. Simple exercises in model making.	25	50
	MODULE 2 2. Handling different materials related to model making. 3. Exercises in creative interior projects.	20	50

Course Evaluation:	▪ Sessionals should be done as models.	
	Unit Tests	20 Marks
	Assignments	25 Marks
	Attendance	5 Marks
	Semester Exam	50 Marks
	Total	100 Marks

CODE NO.	405	Diploma In Interior Design		
Semester	IV	Subject:	Building technology & services - IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	6
	4	4	8	

Course Objectives:	
	<ol style="list-style-type: none"> To study the materials and methods of construction used in building staircases and floors. To acquire knowledge of various types of floor coverings and finishings. To understand the requirements of Building services with respect to maintaining optimum levels of thermal comfort through mechanical means. To understand the requirements of services in building with respect to fire safety regulations and better design practices for the same.

Course Contents:		No. of Hours/sem = 120	% weightage
MODULE 1-Materials		30	25
<ol style="list-style-type: none"> Decorative Tiles Various types – Ceramic, glazed, vitrified, their properties and use. Floor Coverings: Woolen Carpets: <ol style="list-style-type: none"> Handmade carpets Hand tufted carpets Machine made carpets <ol style="list-style-type: none"> Cut piles Uncut piles. Cotton carpets (Dhurries), woolen dhurries, cotton dhurries, dhurries of blended fiber, coir and jute matting carpet, chatai, shaggy floor coverings. Glass Properties, sizes, design, prices and availability of sheet, plate, wired, laminated safety, insulating, coloured, tinted, and heat resistant and glass blocks. Paints, Varnishes, Polishes, Distempers etc. Water base paints, dry distempers, plastic emulsion paints/distempers, cement paints, solignum black paints – their trade names, properties, covering capacity, handling techniques, uses and cost. 			
MODULE 2-B.Tech		15	15
<ol style="list-style-type: none"> Stair cases – simple staircase in R.C. Layout of stair cases – types of stair cases methods of calculating treads and risers – definition of various parts & terminology. 			
MODULE 3-B.Tech		15	10
<ol style="list-style-type: none"> Floors – various type of floor finishes and their constructional details. Wood, pvc, tiled (vitrified, ceramics etc.), linoleum, rubber & other materials. 			
MODULE 4-Services		15	15
<ol style="list-style-type: none"> Introduction to mechanical ventilation in buildings – Airconditioning <ol style="list-style-type: none"> Terminology Comfort conditions, temperature control, humidity control, air filters, air change etc. 			

CODE NO.	406	Diploma In Interior Design		
Semester	IV	Subject:	Professional Practice	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	2	-	2	

Course Objectives:	
	1. To study and understand good professional practices as an Interior Design Professional.

Course Contents:		No.of Hours/Se m = 30	% weightage
MODULE 1		10	40
1. Job procedures and opportunities			
2. code of practice			
MODULE 2		20	60
3. Duties and liabilities of Interior Designer.			
4. Relationship with client and contractor.			
5. Types of contracts and tender documents.			

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form of journals .
	Unit Tests 50 Marks Semester Exam 50 Marks Total 100 Marks

CODE NO.	407	Diploma In Interior Design		
Semester	IV	Subject:	Verbal and Graphical Communication - IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	3
	2	2	4	

Course Objectives:	
	<ol style="list-style-type: none"> To develop skills of technical representation of designs through Auto Cad. To project views of interior spaces in 3D using the software.

Course Contents:		No.of Hours/Sem = 60	% weightage
MODULE 1 – Verbal Communication <ol style="list-style-type: none"> Public speaking and speaking skills purpose – audience speech – preparation, delivery, use of words, illuminants, types. The work situation – Employer – Employee relations – expectations etc. Normal practices of courtesy and mannerisms, working with interest and progressing in job. Group Dynamics – understanding groups goals effective participation in group forums. Interview Techniques – Planning a career – Analysing job personality – Application – Interview Techniques – How to get the job you want – importance of follow-up terms of the appointment letter. Launching from education to experience – a difficult barrier to break – priorities and efforts required – pursuit with perseverance etc. Buffers (for adjustments if any). Interaction with students to develop awareness of verbal Communication. Body Language Mock presentation by studies. Evaluation of student’s presentation by each other and by teacher. 		30	50
MODULE 2– Graphical Communication <ol style="list-style-type: none"> Concept of 3D Introduction and uses of 3D Studio Max/ Google sketch up. Introduction to User Interface. Creating Simple Standard Primitives & Extended Primitives. Creating 2D shapes. Modifying the parameters using Align, Mirror, Move, Rotate, and Scale. Compound Objects. Performing Boolean Operations and Creating Compound Objects from 2D Shapes by using Loft And Advanced Lofting. Modifying Objects. Lathe, Bend, Taper, Twist, FFD, Lattice, Melt, Edit Mesh, Bevel, Bevel Profile, Extrude, Slice, etc. Changing parameters of different Modifiers. Concept of sub-object. (Vertex, Edge, Face, Polygon, Element) Converting into Mesh. Concept of mesh editing at sub object level. 		15	25
		15	25

	<p>MODULE 3– Graphical Communication</p> <p>8) Nurbs Modeling. Creating NURBS Curves & NURBS Surfaces using 1 Rail & 2 Rail etc. Modifying a NURBS object.</p> <p>9) Cloning and Arraying. Creating copy reference, Instance, And copies. Creating Multiple copies on spiral, circular, diagonal manner.</p> <p>10) Binding and Grouping. Grouping multiple objects. Binding an object to create parent – child relationship.</p> <p>11) Creating Camera. Concept of Camera. Creating Target & Free Camera.</p> <p>12) Creating Lights. To place different types of lights, like omni, target spot, target direct, free spot lights. To create sunrays passing through windows, create shadows etc.</p> <p>13) Rendering. Basic, Diffuse, Reflective Material, Embossed effect, Mix 2 materials, Multi sub Object, Material Raytrace, and UVW Coordinates.</p> <p>14) Basic animation using MOVE, ROTATE, SCALE. To create a walk through. To create an AVI FILE.</p>		
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<p>Course Evaluation:</p>	<ul style="list-style-type: none"> ▪ Sessionals should be done as printouts. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.		Diploma In Interior Design		
Semester	IV	Subject:	Open Programme	
Total Marks	Hours per Week			Credits
	Theory	Practical	Total	-
	-	3	3	

Course Objectives:	

Course Contents:	
	<p>Lecture/Demonstrations :</p> <p>On various topics in art to develop holistic approach to design and living. Wide spectrum of visiting personalities in art and related to enhance understanding of universal generalities and art of living.</p> <p>Site Visits :</p> <p>Visits to Museums, Art Galleries etc. to develop basic knowledge of purpose and influenced of various art forms in our daily life.</p>

Course Evaluation:	

CODE NO.	501	Diploma In Interior Design		
Semester	V	Subject:	Internship/ On Job Training	
Total Marks	Hours per Internship			Credits
500	Theory	Practical	Total	
	-	600	600	
			20	

Course Objectives:	
	1. To study and understand good professional practices as an Interior Design Professional as part of on job training.

Course Contents:		No.of Hours/Session = 600	% weightage
	Working under trained Architect or Interior Design Professional.		

Course Evaluation:	▪ Sessionals shall be in the form of reports/ maintaining log book		
	Log Book	100	Marks
	Viva	200	Marks
	Feedback from the organization	100	Marks
	Total	500	Marks

CODE NO.	601	Diploma In Interior Design		
Semester	VI	Subject:	Interior Design-III	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	0	8	8	

Course Objectives:	
	1. To understand the theory and principles of interior Design. 2. To apply principles learnt and develop schemes for complex interior design projects.-commercial space category.

Course Contents:		No.of Hours/Sem = 120	% weightage
MODULE 1 Preparing interiors schemes for all types of interiors with plans elevations, perspectives in colour,		30	25
MODULE 2 some special details, working drawings, furniture, furnishings, fittings, accessories, lighting, ventilation,		30	25
MODULE 3 plumbing, climate control, plants (indoor/outdoor) including preparation of brief, written notes on proposed		30	25
MODULE 4 materials and estimation – complete interior projects – shopping arcades, offices, hotels, recreational spaces etc.		30	25

Course Evaluation:	<ul style="list-style-type: none"> ▪ The sessional will be in the form of set of complete presentation involving 2D drawings and 3D medium and write-up for the project concept composed on a single sheet. ▪ The evaluation should be done in intermediate review consisting of internal & external experts. 										
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Unit Tests</td> <td style="text-align: right;">20 Marks</td> </tr> <tr> <td>Assignments</td> <td style="text-align: right;">25 Marks</td> </tr> <tr> <td>Attendance</td> <td style="text-align: right;">5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td style="text-align: right;">50 Marks</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: right;">100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	602	Diploma In Interior Design		
Semester	VI	Subject:	Furniture & Product Design - I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	3
	2	2	4	

Course Objectives:	
	<ul style="list-style-type: none"> • To understand the theory and principles of furniture Design. • To apply principles learnt and develop innovative and usable designer furniture along with details. • To study and understand the theory of product designing. • To understand the process of designing products.

Course Contents:	No.of Hours/Sem = 60	% weightage
MODULE 1 – Furniture Design Designing and detailing of furniture: 1. Movable furniture 2. Upholstered furniture 3. Built-in-furniture and fixtures 4. Ornamental furniture mirrors, pedestals, lamos, visits to furniture workshops. Collection of samples and information.	20	30
MODULE 2– Product Design 1. Importance of new products: Information, applications. 2. Suitability of product to environment 3. Economics of manufacture 4. Suitability in adoption for better different usages 5. Basic ingredients - Development of new products to suit new conditions 6. Collection of samples - Data Collection - Literature and information 7. Research and Development of products for new market and its suitability for usage 8. Industrial products and process.	20	30
MODULE 3-Project Work Self Study and Project Work	20	40

Course Evaluation:	<ul style="list-style-type: none"> ▪ The sessional will be in the form of set of complete presentation involving 2D drawings and 3D medium and write-up for the project concept composed on a single sheet. ▪ The sessional also includes live model of one selected furniture piece along with pricing.
	Unit Tests 20 Marks Assignments 25 Marks Attendance 5 Marks Semester Exam 50 Marks Total 100 Marks

CODE NO.	603	Diploma In Interior Design		
Semester	VI	Subject:	Building Technology & Services - V	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	2	3	5	

Course Objectives:	
	<ol style="list-style-type: none"> To study and understand the different materials and innovative methods of construction used in doors, windows, suspended ceilings, partitions and wall paneling. To understand built forms through its behaviour in different structural systems. To understand the requirements of Building services with respect to maintaining optimum levels of thermal comfort through mechanical means.

Course Contents:	No.of Hours/Sem = 75	% weightage
MODULE 1-B.Tech 1. Doors and Windows a) Aluminum and steel doors and windows with grill b) Swing doors c) Revolving doors d) Shop window front Working drawing with details of above mentioned items.	20	25
MODULE 2-B.Tech 2. Partitions – Sound proof partitions a) Movable partitions b) Space dividers c) Sound proof cabin design Working drawing with details of above mentioned items.	25	25
MODULE 3-Services 1. Water Supply a) Distribution system b) Pipes fittings 2. Drainage and Disposal System a) General b) Toilets in flats c) Rain Water d) Pipes and fittings. 3. Sanitary ware and C.P. Fittings	15	25
MODULE 4-Services 4. Bathroom Renovation including finishing materials 5. New Developments 6. Standard layouts for toilets.	15	25

Course Evaluation:	<ul style="list-style-type: none"> Sessionals should be done as drawing sheets based on literature study, visits to construction sites & reports. Sessional for materials will be in the form of journals. 												
	<table> <thead> <tr> <th></th> <th>Module I ,II</th> <th>Section III,IV</th> </tr> </thead> <tbody> <tr> <td>Unit tests and Assignments -</td> <td>25 Marks</td> <td>20 Marks</td> </tr> <tr> <td>Average Attendance for both the sections -</td> <td>5 Marks</td> <td></td> </tr> <tr> <td>Final practical and theory exam-</td> <td>25 Marks</td> <td>25 marks</td> </tr> </tbody> </table>		Module I ,II	Section III,IV	Unit tests and Assignments -	25 Marks	20 Marks	Average Attendance for both the sections -	5 Marks		Final practical and theory exam-	25 Marks	25 marks
	Module I ,II	Section III,IV											
Unit tests and Assignments -	25 Marks	20 Marks											
Average Attendance for both the sections -	5 Marks												
Final practical and theory exam-	25 Marks	25 marks											

CODE NO.	605	Diploma In Interior Design		
Semester	VI	Subject:	Display Design – I	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	0	3	3	

Course Objectives:	
	<ul style="list-style-type: none"> ▪ To understand the principals of design related to visual merchandising. ▪ To acquire the skills in designing exhibition space designing.

Course Contents:	No.of Hours/Sem = 45	% weightage
MODULE 1 1. Introduction to Display. Its scope as an ambassador for the shop or service Lectures and examples from books and existing display in India. 2. Principles of Design Domination,Isolation,Repetition,Symmetry,Asymmetry ,Radiation Angle of visions: Visibility and effect of display from different distance. 3. Classification of displays and its understanding: Store-Window, Exhibition and Service Display 4. Effect of different materials as proposed for display of different products 5. Lighting and mechanics in display 6. Found art 7. Mannequin and non-mannequins displays.	25	50
MODULE 2 8. EXHIBITION STALL DISPLAY: Understanding: -Logistics involved Transaction of scale in limited space, controlling flow of visitors, entry, exit -Function: Configuration of display board/level. -To develop a sense of aesthetics and ambiance of exhibition. Exercises to be developed based on actual exhibition spaces and stalls. Presentation of paper showing views and details of props.	20	50

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form drawings. ▪ Assignment based on live stall display design.
	Unit Tests 20 Marks Assignments 25 Marks Attendance 5 Marks Semester Exam 50 Marks Total 100 Marks

CODE NO.	606	Diploma In Interior Design		
Semester	VI	Subject:	Business Communication & Management	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	4	-	4	

Course Objectives:	
	To study and understand good professional practices as an Interior Design Professional.

Course Contents:	No.of Hours/Sem = 60	% weightage
<p>MODULE 1</p> <p>1. JOB PROCEDURE: Regulations and restrictions on various types of new and old work, Local bye-laws pertaining to interiors and renovation of building, Storage and maintenance of plant and materials, Liabilities, Local tradesman's working conditions and practices.</p> <p>2. PROFESSIONAL PRACTICE: Procedure from date of enquiry, Keeping of costs, job records, alternation to estimates, modification, Preparation of schedules and progress charts, Supervision of sub-trade and sub-contracts.</p> <p>3. CODE OF PRACTICE: Confidential information of clients or employees: Encroachment on existing project of another designer in direct competition under cutting, bribing, commissions and other malpractices. Fees, scale of charges, commissions and discounts retaining fees, rejection fees. Press display advertising, classified columns, announcement of change of address: Size of name plate etc. Conditions of engagement and terms of contract: Alternative agreements, out of pocket expenses, stages of payment; settlement of dispute and arbitration.</p>	15	25
<p>MODULE 2</p> <p>4. Source of finance for small business. 5. Introduction to account books and banking procedures 6. Human relations 7. Office set up and administration 8. Filing and recording of letters and drawings 9. Nature of partnership, registration of firm and dissolution 10. Practice, procedure and conduct, membership of professional organization.</p>	15	25
<p>MODULE 3</p> <p>1. Code relating to professional competitions 2. Professional services and scales of normal and partial fees 3. Tenders - Types of tender and document, tender draft notices. Procedure for opening and selection of tenders, analysis and report to owner, work order.</p>	15	25

	<p>5. Contract - Types of contracts and contract documents, detailed knowledge about the various conditions of contract as published by the Indian Institute of Architects of other related professional organizations.</p> <p>6. Materials and workmanship.</p> <p>7. Defects after completion</p> <p>8. Certificates and payments</p> <p>9. Duties and liabilities of Interior Designer, owner and contractor. Duties and liabilities in profession.</p> <p>10. Legal responsibility of Interior Designer to employer, Government body and local bodies</p> <p>11. Express and implied authority of the Interior Designer</p> <p>12. Interior Designer's relationship with the Client and the contractor.</p> <p>MODULE 4 NOTE ON SESSIONAL WORK: Note on sessional work to be done: Each student is required to submit her report, observations and procedure in regular journals on the following topics:</p> <p>1. Sample professional bills</p> <p>2. Drafts for Tenders and Certificates</p> <p>3. Contract Document Paper.</p>	15	25
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Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form of journals . 								
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Unit Tests</td> <td style="width: 50%; text-align: right;">25 Marks</td> </tr> <tr> <td>Assignments</td> <td style="text-align: right;">25 Marks</td> </tr> <tr> <td>Semester Exam</td> <td style="text-align: right;">50 Marks</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">100 Marks</td> </tr> </table>	Unit Tests	25 Marks	Assignments	25 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	25 Marks								
Assignments	25 Marks								
Semester Exam	50 Marks								
Total	100 Marks								

CODE NO.	607	Diploma In Interior Design		
Semester	VI	Subject:	Graphical Communication- IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	1	1	2	

Course Objectives:	<ul style="list-style-type: none"> • To acquire verbal as well as graphical communication skills. • Use of pencil tones and shades to render graphically. • Exercises in pencil work in plan and elevation. • Exercises rendering with colour pencils, water colours and mixed media – copying of pictures. • Exercises in Presentation techniques of computerized drawings
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Course Contents:		No.of Hours/Sem = 30	% weightage
	MODULE 1 3D MAX/ Google Sketch up/ 3D design software PHOTOSHOP/ Presentation software	15	50
	MODULE 2 Presentation techniques of computerized drawings.	15	50

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as drawing sheets ▪ Sessional for computerized presentation will be in the form of printouts. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	701	Diploma In Interior Design		
Semester	VII	Subject:	Interior Design – IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	0	8	8	

Course Objectives:	
	<ul style="list-style-type: none"> To understand the theory and principles of interior Design. To apply principles learnt and develop schemes for complex interior design projects- public space category.

Course Contents:		No.of Hours/Sem = 120	% weightage
<u>TOPIC</u>			
Designing interiors of multi-layered spaces:			
MODULE 1 Preparation of presentation drawings, plans, elevation, sections,		30	25
MODULE 1 perspectives with special details, incorporating services,		30	25
MODULE 1 landscaping, including written notes on concept and proposed materials and estimated costing.		30	25
MODULE 1 Self study/ project work/ market surveys/ field visits		30	25

Course Evaluation:	<ul style="list-style-type: none"> The sessional will be in the form of set of complete presentation involving 2D drawings and 3D medium and write-up for the project concept composed on a single sheet. The evaluation should be done in intermediate review consisting of internal & external experts. 										
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Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	702	Diploma In Interior Design		
Semester	VII	Subject:	Furniture & Product Design - IV	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	2	2	4	

Course Objectives:	
	<ul style="list-style-type: none"> • To understand the theory and principles of furniture Design. • To apply principles learnt and develop innovative and usable designer furniture along with details. • To study and understand the theory of product designing. • To understand the process of designing products.

Course Contents:		No.of Hours/Sem = 60	% weightage
	MODULE 1-Furniture Design 1. Originality as applied to furniture: Design of one item of furniture considering – Environment, function, economy, materials and their availability. 2. Actual making of at least one item of furniture by each student as per her own design.	20	30
	MODULE 2– Product Design 1. Importance of new products: Information, applications. 2. Suitability of product to environment 3. Economics of manufacture 4. Suitability in adoption for better different usages 5. Basic ingredients -Development of new products to suit new conditions 6. Collection of samples - Data Collection - Literature and information 7. Research and Development of products for new market and its suitability for usage 8. Industrial products and process.	20	30
	MODULE 3-Project Work Self Study and Project Work	20	40

Course Evaluation:	<ul style="list-style-type: none"> ▪ The sessional will be in the form of set of complete presentation involving 2D drawings and 3D medium and write-up for the project concept composed on a single sheet. ▪ The sessional also includes live model of one selected furniture piece along with pricing. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	703	Diploma In Interior Design		
Semester	VII	Subject:	Building Technology & Services – VI	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	2	3	5	

Course Objectives:	
	<ul style="list-style-type: none"> • To understand the requirements of Building services with respect to maintaining optimum levels of thermal comfort through mechanical means. • To study and understand the different materials and innovative methods of construction used in floors, staircases and suspended ceilings. • To prepare working drawings for all details of

Course Contents:		No.of Hours/Sem = 75	% weightage
MODULE 1– Construction		20	25
1. Floor finish -Details			
2. Stair Case - Details			
MODULE 2– Construction		25	25
3. False Ceiling – Details			
<u>NOTE:</u> Emphasis should be on studio-work for original designing and detailing. The lecture and studio work are related and teacher should explain the basic concepts before actually starting working drawings.			
MODULE 3– Services		15	25
1. Fundamental terms used in lighting.			
2. Measurement of light			
3. Generation of light – light sources – new generation of light sources			
4. Utilization of light			
5. Lighting load calculation for interiors			
6. Lighting applications			
7. Cost analysis of different alternative lighting systems			
MODULE 4– Services		15	25
8. Heating and Air-conditioning -			
- Definitions			
- Different systems			
- Heating equipments			
- Comfort conditions and its controls			
- Mechanical ventilations			
- Ducting and layouts			
- Refrigeration			
Fire fighting and protection regulations.			

Course Evaluation:	▪ Sessional/ Assignment shall be in the form of journals .	
	Unit Tests	20 Marks
	Assignments	25 Marks
	Attendance	5 Marks
	Semester Exam	50 Marks
	Total	100 Marks

CODE NO.	704	Diploma In Interior Design		
Semester	VII	Subject:	Climatology	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	2	-	2	

Course Objectives:	
	<ul style="list-style-type: none"> To study and understand effect of climatic conditions on environment. To study and understand effect of climatic conditions on buildings design.

Course Contents:	No.of Hours/Se m = 30	% weightage
MODULE 1 1. Effect of climate on man, shelter and environment conditions of human comfort 2. MACRO climate and MICRO climate. 3. Effect of topography on climate 4. Shading effects of trees and vegetation	15	50
MODULE 2 5. Air flow patterns inside buildings 6. Effect of wind on layouts 7. Regional approach in the application of above principles in the design of buildings with respect to the following: a) Site selection b) Public spaces c) Landscape d) Vegetation e) House type f) General arrangement g) Form, volume H) Orientation i) Colour j) Building materials	15	50

Course Evaluation:	<ul style="list-style-type: none"> Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. Sessional/ Assignment shall be in the form of journals .
	Unit Tests 25 Marks Assignments 25 Marks Semester Exam 50 Marks Total 100 Marks

CODE NO.	705	Diploma In Interior Design		
Semester	VII	Subject:	Display Design - II	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	0	3	3	

Course Objectives:	
	<ul style="list-style-type: none"> ▪ To understand the principals of design related to visual merchandising. ▪ To acquire the skills in designing show window space designing.

Course Contents:		No.of Hours/Sem = 45	% weightage
	MODULE 1	25	60
	1. Case studies of window display Study Trends Present and Past (e.g. ESPRAT – Company philosophy transcending on the windows, Raymonds, Bata)		
	2. Comparative study of existing windows – a Critique analysis and remodeling of windows.		
	MODULE 2	20	40
	3. Graphics and its importance in window display		
	4. Practical window display assignment.		

Course Evaluation:	<ul style="list-style-type: none"> • Exercises to be developed based on actual windows in shops. • Presentation on paper and in 3-D models out of mount board. • Assignment based on live shop window display design. 										
	<table> <tr> <td>Unit Tests</td> <td>20 Marks</td> </tr> <tr> <td>Assignments</td> <td>25 Marks</td> </tr> <tr> <td>Attendance</td> <td>5 Marks</td> </tr> <tr> <td>Semester Exam</td> <td>50 Marks</td> </tr> <tr> <td>Total</td> <td>100 Marks</td> </tr> </table>	Unit Tests	20 Marks	Assignments	25 Marks	Attendance	5 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	20 Marks										
Assignments	25 Marks										
Attendance	5 Marks										
Semester Exam	50 Marks										
Total	100 Marks										

CODE NO.	706	Diploma In Interior Design		
Semester	VII	Subject:	Entrepreneurship Development	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	4
	4	-	4	

Course Objectives:	
	To equip the students with the knowledge and understanding about entrepreneurship to become self-entrepreneur

Course Contents:	No.of Hours/Sem = 60	% weightage
<p>MODULE- I Introduction to Entrepreneurship: Definition, Concept and Need for entrepreneurship, and types of entrepreneurs. Contents Entrepreneurship Concept Functions Need Importance Myths about Entrepreneurship Pros and Cons of Entrepreneurship Process of Entrepreneurship Assignments/ Class Test Group discussion and class test</p>	15	25
<p>MODULE- II To teach the students to research in the industry and the market, planning from entry to exit, location for business, exploring management, selecting a business Entity</p> <ul style="list-style-type: none"> ● Types of Entrepreneurs ● Competencies and Characteristics <ul style="list-style-type: none"> ○ Ethical Entrepreneurship ● Entrepreneurial Value – <ul style="list-style-type: none"> ○ Values ○ Attitudes ○ Motivation ● Mindset of an Employee and an Entrepreneur - Difference ● Intrapreneur – <ul style="list-style-type: none"> ○ Importance in Any Organization <p>Assignments/ Class Test Group discussion and class test</p>	15	25
<p>MODULE- III To equip the students to create and understand financial planning, develop operating and control system. The business plan creating the road map Contents</p>	15	25

	<ul style="list-style-type: none"> ● Self-Assessment of – <ul style="list-style-type: none"> ○ Qualities ○ Skills ○ Resources ○ Dreams ● Generation of Ideas ● Feasibility Study ● Opportunity Assessment ● Business Plan Preparation ● Execution of Business Plan ● Role of Society and Family in the growth of an entrepreneur ● Challenges faced by women in Entrepreneurship <p>Assignments / Class Test Group discussion and class test</p> <p>MODULE- IV Codes of conduct and responsibility towards clients, fellow professionals, profession, contractors, suppliers, other consultants and the society. Entering the profession. To equip the students with the knowledge and understanding about entrepreneurship to become self-entrepreneur</p>	15	25
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Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals/ Assignment shall be in the form of exercises and small reports on the above mentioned topics. ▪ Sessional/ Assignment shall be in the form of journals . 								
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Unit Tests</td> <td style="text-align: right;">25 Marks</td> </tr> <tr> <td>Assignments</td> <td style="text-align: right;">25 Marks</td> </tr> <tr> <td>Semester Exam</td> <td style="text-align: right;">50 Marks</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: right;">100 Marks</td> </tr> </table>	Unit Tests	25 Marks	Assignments	25 Marks	Semester Exam	50 Marks	Total	100 Marks
Unit Tests	25 Marks								
Assignments	25 Marks								
Semester Exam	50 Marks								
Total	100 Marks								

CODE NO.	707	Diploma In Interior Design		
Semester	VII	Subject:	Graphical Communication - VI	
Total Marks	Hours per Week			Credits
100	Theory	Practical	Total	2
	1	1	2	

Course Objectives:	
	<ul style="list-style-type: none"> • To acquire verbal as well as graphical communication skills. • Exercises rendering with colour pencils, water colours and mixed media – copying of pictures. • Exercises in Presentation techniques of computerized drawings

Course Contents:		No.of Hours/Se m = 30	% weightage
	MODULE 1 3D MAX/ Google Sketch up/ 3D design software PHOTOSHOP/ Presentation software	15	50
	MODULE 2 Presentation techniques of computerized drawings.	15	50

Course Evaluation:	<ul style="list-style-type: none"> ▪ Sessionals should be done as drawing sheets ▪ Sessional for computerized presentation will be in the form of printouts. 										
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Total	100 Marks										

Reference Books:

Building Construction	
	Building Construction Illustrated by Ching, Francis D.K Building Construction By Mckay, J.K Building Construction Handbook By Chudley, R Surface: Textures, Finishes & Materials for stylish Interiors By Trow, Abigail Seven designs for Shops BY Kitahara, Susumu
Interior Design	
	Time savers Standard for Interior Design & Space Planning By Chiara, Joseph De Interior Architecture By Blaser, Werner
Building Services	
	Building Services By Chudley Design & Layout of Fire Sprinkler System BY Bromann, Mark Building Engineering & System design By Merritt, Frederick Acoustics in Buildings By Grehant, Bernard Auditorium Acoustics & Architecture design By Barron, Michael
Professional Practice	
	Elements of estimation & Costing: Professional Practice By Rangawala, S.C Writing specifications for construction By Cox, Peter J