

Revised from the academic year 2018-19.

Diploma Course in Interior Designing (Autonomous)

F.Y. Interior Designing Syllabus To be implemented from the Academic year 2019-2020 SEMESTER I & SEMESTER II

FOUNDATION COURSE SYLLABUS:

No. of lecture	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
1	COMPOSITION WITH GEOMETRIC & ORGANIC OBJECTS.	On Sheet Any mid.					
2	COMPOSITION WITH TYPES OF LINE. (HORIZONTAL, VERTICAL, DIAGONAL, CURVE ETC.)	Sheet					
3	PRACTICE OF DRAWING FREE HAND LINES IN SKETCH BOOK. (HORIZONTAL, VERTICAL, DIAGONAL.)	Sheet					
4	INTRODUCTION AND PRACTICE WITH DRAFTING TOOLS. (HORIZONTAL & VERTICAL)	Sheet					
5	PRACTICE WITH DRAFTING TOOLS.(DIAGONAL 45 ⁰ , 30 ⁰ , 60 ⁰)	Sheet					
6	HOW TO DRAFT NAME PLATE & A SHEET OF CAPITAL ALPHABETS(LETTERING)	Sheet					
7	GEOMETRY	Sheet					
8	CLAY MODELING OF DIFFERENT GEOMETRICAL OBJECTS.		✓				
9	UNDERSTAND DIFFERENT FACES OF GEOMETRICAL OBJECTS MADE FROM CLAY.		✓				
10	COMPOSITE OF GEOMETRIC OBJECT WITH ORTHOGRAPHIC PROJECTION (BASIC)	✓			✓		
11	INTRODUCTION OF METRIC SCALE.	✓		✓			
12	RENDERING TECHNIQUES.						
13	RENDERING PRACTICE.	✓					
14	MAKING CLAY FURNITURE & SHEET OF ORTHOGRAPHIC PROJECTION OF THE SAME FURNITURE		✓	✓	✓		

Course Code	Unit	Topics	Credits	L / Week
SEMESTER I Theory-I	I	Clay Product Tiles, Terra Cotta, Ceramics their Uses and Application Properties Bricks - Qualities of good Bricks their Uses and Application.	2	3
	II	Stone -Classification/properties/ Dressing/texture/stone applies. And uses		2
	III	Lime and Cement - Uses and Application ,Properties. Mortar/concrete Uses and Application Properties Plaster - Uses and Application Properties.		4
SEMESTER –II Theory-II	I	Timber -Classification, defects ,Seasoning and preservation of timber wood product -Veneer, Plywood, block board, partical board etc.their sizes uses and application Laminate - Uses and Application.	2	5
	II	Metal -(Ferrous and Non-Ferrous) Types, Uses and Application.		2
	III	Acrylic/Plastic -Types, Uses and Application.		1
	IV	Glass –Properties/Etching/silvering Types, Uses and Application.		3
	V	Paints -Surface Preparation Study ofTypes of paints, Uses and methods of Application		4
	VI	Furnishing materials -Lether,Rexin,Blinds,wall paper,carpet Application Properties		4

Course Code	Unit	Topics	Credits	L / Week
SEMESTER-I Construction-I	I	Sign and Symbol- Sign and Symbol of different materials of Construction	2	1
	II	Types of Bricks- Size and types of bricks, Siphorex and new material		1
	III	Bricks Bond- Stretching bond, English bond, Single flemish bond (1 thick and 1 ^{1/2} thick)		1
	IV	Types of Arches- Stone & Brick terminology arch 1) flat arch, 2) Segmental arch 3) Equilateral arch, 4) Semicircular arch 5) Trifoil/ three cusped arch 6) Ogee arch		2
	V	Carpentry Joinery- Rebate, Feather, Butt, Tongue & groove, Dado, Mitre, Dovetail, Box joint, dowel, Lap tee joint, Cross lap joint, End lap joint, Carpentry joint, Mitred M-T joint, Through M-T joint, Stop M-T joint, Double M-T with wedge joint, Bridle joint		2
	VI	Doors- Types of panel door Terminology of doors- Flush door, four panel door, sliding door, Glass door (Fittings and fixtures)		4
SEMESTER- II Construction-II	I	Window- Types of windows- T.W. window, Aluminium window	2 2	4
	II	Staircase- Different types of stair, Terminology of staircase (Timber & Steel stairs)		4
	III	Structure- Load bearing, Timber, RCC, Steel		4
	IV	Mezzanine floor- Timber Mezzanine (Double floor), Steel Mezzanine		4

Course Code	Unit	Topics	Credits	L / Week
SEMESTER-I Interior Graphics	I	Gradiation - Gradiation of Line and Gradiation of Pencil	2	1
	II	Study of Scales - Study of Metric Scales		1
	III	Orthographic Projection - Orthographic Projection of Cube and different Shapes, Orthographic Projection of Furniture		1
	IV	3D Views - Isometric, Axonometric, Oblique		1
	V	Surfaces - Textures in Pencil/ Colour Sciography - Sciography of Technique		1
	VI	Colour - Application of Pencil colour and Poster colour- Theory of Colour, Colour Schemes		2
SEMESTER- II Perspective/ Rendering	I	Any Interior pic from magazine/ brochere/newspaper Sciography - Sciography of Technique	2 2	2
	II	Plants - Different Plants used in Interior Window Treatment - Window Treatment, curtain etc. Accessories - Accessories used in Interior		2
	III	Perspective M.P Method - Parallel Perspective with Different Position of P.P (Bedroom, Living room, Kitchen & Children room)		4
	IV	Perspective M.P Method - Angular Perspective with Different Position of P.P (Bedroom, Living room, Kitchen & Children room Rendering of Perspective - Plan, View		4
	V	Workshop - Mural design, Stained Glass design		3

SEMESTER-I Design -I	I	Structural Drawing- Room plan and Elevation 1) Living Dining- Plan, Elevation, Views 2) Bedroom- Plan, Elevation, Views	2	8
	II	Anthropometry- Anthropometric data standard dimension of furniture (Sketch)	1	3
	III	Elements of Design- Point, line, Shape form, Texture, light, Space, Pattern etc.		2
	IV	Principle of Design- Balance, Harmony, Proportion, Repetition, rhythm, Ehphasis etc.		3
SEMESTER- II Design -II	I	Residential Project- 1 RK, plan, Elevation, Views	2	6
	II	Residential Project- 2 BHK, plan, Elevation, Views	3	8

Interior Designing(Second Year)

Subject:- Theory (Building Services)

No.of lectures	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
	<u>3RD SEMISTER</u>						
1,2,3	<u>AIRCONDITIONING AND VENTILATION</u> -Air changes and Temperature, Ventilation, Principle of Air conditioning, Different A.C. System like window unit, Split Unit, Packaged AC, Central System, General Principle of Ducting and distribution.	Sheet/ PPT		Site visit			
4,5,6	<u>Lighting</u> -Study of Types of lighting related to types of Incandescent, Fluorescent, Direct and Indirect light, Types of Split light Electricity-Electricity of building, wiring, switches.	Sheet/PP T		Market Survey	✓		
7,8	<u>Thermal Material and Thermal Insulation</u> – study of different types of materials used for insulation, their uses, Method of application, Behavior of heat, Coefficient of thermal conductivity of different material.	Sheet			✓	1	
8,9,10	<u>Sound acoustic material and sound insulation</u> - Study of different types of material for insulation and sound proofing, There uses, Method of application, Behavior of sound, Propagation, Acoustic defects such as echo, Reverberation, Sound foci, method of correction used for sound absorbing and sound reflecting material.	Sheet			✓		

	4TH SEMESTER						
11,12,13	Specialized Services- Study of intercommunication system, Computer system, Computer related services, Study of firefighting equipment.	PPT		Market Survey			
14,15,16,17	Water Supply and Sanitary services - Water supply system, Source of water, Premises for overhead tank, Supply from sanctions tank to overhead tank. Study of drainage system, Types of pipes like AC,CI,PVC Etc., Their sizes and uses, Study of trap like intercepting trap, gully trap Etc. <u>Toilet-</u> Details of Toilet.			Site visit	✓	1	
18,19,20	Landscaping and Terrace Garden - Planning of Terrace Garden with emphasis on esthetics, use of elements, Types of plants, Selection of plants for Residential and Commercial spaces with relation to placing air conditioning plant care, Study of different elements of landscaping like water body, water fall, fountain, walk garden etc. Water Proofing- Material used for water proofing, Types of water proofing and their method, Study of technical details of terrace garden like water proofing, drainage, lighting etc.	PPT		Under construction	✓		

Subject:- Working Drawing

No. of lectures	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
	3RD SEMESTER						
1,2	Stool- Types of Drawers, Working drawing of Drawers, Rendered and Exploded View.	Sheet		Market Survey			
3,4	Drawers- Types of Drawers, Working drawing of Drawers, Rendered and Exploded View.	Sheet				1	
5,6	False Ceiling- Types of False Ceiling, Working drawing of false ceiling, Exploded Views.	Sheet		Market Survey			
7,8,9	Partitions & Paneling Types of partitions like Single skin, double skin and specialized	Sheet		Market Survey		1	

	(Acoustical & Thermal), Working drawing of partition and views showing layer, Types of paneling, Room paneling, Working drawing, view showing the layer. Light Weight Construction– Study of different types of light weight construction materials like Siporex hollow section etc., Types of partitions and furniture material like slotted angle, Blackboard Etc.						
10,11	Reception Table- Working drawing of Reception Table and Rendered View.	Sheet		Market Survey		1	
11,12	Workstation- Working drawing of Workstation with Rendered View.	Sheet		Market Survey			
13,14,15	T V Unit with Panel- Working drawing of Workstation with Rendered View.	Sheet		Market Survey			

No. of lectures	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
	4TH SEMESTER						
16,17	Bank Counter- Working drawing of Workstation with Rendered View.	Sheet		Market Survey			
18,19	Wardrobe with Dressing- Working drawing of wardrobe with dressing, Rendered view.	Sheet		Market Survey		1	
20	Sofa- Working drawing of Sofa with Rendered View.	Sheet		Market Survey			
21,22,23	Double Bed- Working drawing of Double bed with Rendered View.	Sheet		Market Survey			
24,25	Kitchen Platform- Working drawing of Kitchen with Rendered and Exploded View.	Sheet		Market Survey		1	
26,27,	Dining Table- Working drawing of Dining Table with Rendered View.	Sheet		Market Survey			
28,29,30	Executive Table- Working drawing of executive table with Rendered View.	Sheet		Market Survey		1	

Subject:- Design III

No.oflectures	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
	<u>3RD SEMESTER</u>						
1to 5	<u>Small commercial project- (Aprx500to 1000 sqft Area)</u> A) 3 Case study- <ul style="list-style-type: none">• For knowledge of measurements• space planning Requirements of furniture• Separation of Activity zones• Non- activity zones.	Sheet	Model	Case Study		4	
5to 10	B) Drafting Work <ul style="list-style-type: none">• Concept sheet• Civil Changes Sheet• Measurement Plan• Furniture Layout• Elevation• Views	Sheet					
10 to 15	C) Services Layout- <ul style="list-style-type: none">• Electrical Layout• Ceiling Layout• Flooring Layout• False Ceiling Layout	Sheet					

No.oflectures	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
	<u>4TH SEMESTER</u>						
15to 20	<u>Large commercial Project- (Aprx 2000 sqft 4000 area)</u> A) 3 Case study- <ul style="list-style-type: none"> • For knowledge of measurements • space planning Requirements of furniture • Separation of Activity zones • Non- activity zones. 	Sheet	Model	Case Study		4	
20 to 25	B) Drafting Work <ul style="list-style-type: none"> • Concept sheet • Civil Changes Sheet • Measurement Plan • Furniture Layout • Elevation • Views 	Sheet					
25 to 30	C) Services Layout- <ul style="list-style-type: none"> • Electrical Layout • Ceiling Layout • Flooring Layout • False Ceiling Layout 	Sheet					

Subject:- Theory (Professional Practice)

No.ofl ecture s	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Rem ark
	<u>3RD SEMISTER</u>						
1,2	<u>Role of interior designer-</u> Role of interior designerand professional conduct of designer, professional fees of designer			✓			
3,4	<u>Principles of management</u> —Own office, project. Office procedure and method of working of an interior designer’s office.			✓			

5,6,7,8	Estimation -Study of different forms of Estimates- Approx.,Detailed, measurement /abstract sheet ,contingencies, work charged establishment prime cost, provisional sum etc.			Market Survey		1	
9,10,11,12	B.O.Q. Study of unit of measurement, DraftB.O.Q.of previous project (current rates of various item work preparing estimates for various interior work and common civil work.						
13,14	Specification Principles of different types of specification.						
	4TH SEMESTER						
15,16	Rate Analysis —study of current rate of various materials &labor wages ,task work of labour sundries etc.(furniture/wall finishes)			Market Survey			
17,18,19,20,21	Tenders –Invitation of tender ,opening of tender,scrutiny and selection process,work order letter ,item ratio ,Lum sum,percentage rate ,cost plus,fixed fee, cost plus fluctuating fee,target tender,labour tender, their advantages and disadvantages.					1	
22,23,24	Contracts –Document schedule ,A&B condition of contract earnest money ,security deposit time limit,defect liability period,liquidated damage ,arbitration etc.						
25to30	.Payment of contractor —Interim certificates ,completion certificate ,running account bill, or interim payment, final bill						

Subject:-Auto Cad (Theory/ Practical)

No. of lectures	Topics	Sheet/ p.p.t.	Model	Case study	Sketch	Credit	Remark
	3RD SEMESTER						
	Designing Large area commercial project- uses of layers and Commands, Presentation.			Site visit			
	Final furniture layout with concept sheet			Market Survey	✓		
	4TH SEMESTER						

	Flooring layout / False ceiling layout/Electrical plan, a. c. layout			Site visit	✓		
	Sectional elevations of layout plan				✓		
	3 D view of any part of same premises	PPT			✓		
	Page set up ,naming to drawing final presentation			Site visit	✓		

