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UNIVERSITY OF MYSORE

Estd. 1916

Vishwavidyanilaya Karyasoudha
Crawford Hall, Mysuru- 570 005

No.AC6/387/2015-16

Dated: 25th May 2016

NOTIFICATION

Sub: Modification of Syllabus of Bachelor in Interior Design from the academic year 2016-17.

Ref: 1. Decision of the Faculty of Commerce Meeting held on 19th February 2016.
2. Decision of the Academic Council Meeting held on 29th March 2016.

*****

The Board of studies in Bachelor in Interior Design has recommended some modifications in the syllabus of Bachelor in Interior Design from the academic year 2016-17.

The Faculty of Commerce and the Academic Council at their Meetings held on 19th February 2016 and 29th March 2016 respectively have also approved the above said proposal and it is hereby notified.

The revised syllabus copy of the Bachelor in Interior Design is annexed.

The contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in

Draft Approved by the Registrar

Deputy Registrar (Academic)

To:

1. The Dean, Faculty of Commerce, Post Graduate Centre, Hemagangotri, Hassan.
2. The Chairman, Department of Studies in Commerce, Manasagangotri, Mysuru.
3. The Chairman, Board of Studies in Business Administration, BIMS, MGM.
4. The Chairman, Department of Studies in Business Administration, BIMS, MGM.
5. The Chairman, Board of Studies in Commerce (UG), DOS in Commerce, MGM.
6. The Co-ordinator, Directorate of Out Reach and Online Programme, Parakalamath, MGM.
7. All the Principals of Affiliated Colleges running Under Graduate Programme.
8. The Director, College Development Council, Maharaja College Centenary Building, University of Mysore, Mysuru.
9. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch, Academic Section, University of Mysore, Mysuru.
10. The Deputy Registrar/Assistant Registrar/Superintendent(Evaluation),UOM, Mysuru.
11. The PA to Vice-Chancellor/Registrar/Registrar (Evaluation), UOM, Mysuru.
12. Office Copy.

Commerce Noti. - Ja

REGULATIONS FOR

Bachelor in

Interior Design

(Under specialized program)

1. **Course title**: **Earlier proposed as B.Sc. Interior design now proposed as Bachelor in Interior Design.**

The program shall be called as **Bachelor of Interior Design.**

It is three years program consisting of six semesters; two semesters in each year. Candidate admitted to this course shall be governed by following rules and regulations

2. **Eligibility, mode of selection**

a. A candidate passed in 10+2 standard or equivalent (any stream) from a recognized board is eligible for admission to the first semester of the program.

b. **Eligibility for lateral admission to 2ndyear:** Candidate passed in 3 years diploma in Architecture/Civil Engineering/ Interior Design from recognised Technical Board of state/ Central Govt.

c. Eligibility is as per the norms of University of Mysore and Govt of Karnataka.

d. There shall be a total intake of 60 candidates, any excess intake shall be considered only after taking approval from the university duly observing all the formalities.

3. **Course content:**

a. The course of study for the **Bachelor in Interior Design** comprises theory, practical, computer skills, site visits, industrial visits, internship, project work and field work as prescribed. The academic calendar shall be as notified by the university from time to time. Pedagogy includes Power Point Presentation, lecturing, case studies, group discussion, seminars, computer practical, internship and factory visits. Internship elective project and project work are also included.

4. **Medium of instruction: -**English.

5. **Attendance and conduct**

a. Each semester shall be taken as a unit for the purpose of calculating attendance.

b. The students shall attend practical and theory classes as prescribed by the University during each semester.

c. Minimum attendance of 75% of actual working hours is required in each paper, a student who doesn't satisfy the requirement of attendance shall not be permitted to write the examination in concerned subject.

d. If the conduct/behaviour of the student is not found to be satisfactory, action will be initiated as per the University regulations.

e. A candidate can take a maximum of six years for completion as per double the duration norms of University of Mysore.

6. Formation of Board of Examiners

a. Chairman Board of Studies shall form Board of Examiners members consisting of Principal Partnership Institution, Head of the Concerned Department, Subject Faculties and University Representatives. The duties of Board of Examiners include setting question papers, conducting the examinations, valuation of answer scripts and submitting the marks list to University for result announcement.

b. **Question paper:** Three sets of question papers shall be submitted by the subject faculty one month in advance both in hard and soft copies.

c. **Valuation:** Valuation will be conducted by respective subject experts selected by BOE.

7. Scheme of examination

a. There shall be a University examination at the end of each semester.

b. There shall be a term end examination of 3 hrs duration for each theory and practical subject at the end of the semester except project VIVA VOCE

c. Repeaters have to take examination during respective semesters only.

d. Each subject is divided into continues assessment and end term exam with marks allotted as shown below

a) Total Marks -Theory papers 100 marks

i. External examination: 70 marks

ii. Continues assessment 30 marks

Continues Assessment (1st to 8th week) 15 marks

Continues Assessment (9th to 16th week) 15 marks

(Continues Assessment Includes Test, Presentation, Assignments, Project work and Portfolios)

- Each student has to score minimum of 40% in each papers.

b) Total marks –Practical papers 100 marks

iii. External examination: 70 marks

Continues Assessment (1st to 8th week) 15 marks

Continues Assessment (9th to 16th week) 15 marks

(Continues Assessment Includes Test, Presentation, Assignments, Project work and Portfolios)

- Each student has to score minimum of 40% in each papers.

c) Industrial Internship:

- After completion of 4th semester, including semester holidays during 5th semester, an industrial internship program shall be attended by the student under the supervision of internal and external guide and submit a portfolio report.
- Continuous assessment will be evaluated for 30 marks by internal guide after completion of 4th and 8th week.
- Portfolio report completed in internship report shall be evaluated for 40 marks by internal guide
- A VIVA VOCE for 30 marks will be conducted by internal and external examiner selected by BOE

d) Elective:

- During 5thsemester students will carry a detailed study of various disciplinary involved in interior designing and submit a detail report.
- The various disciplinary are material finishes, space analysis ,services involved in built environment, architectural features and styles in interiors, interior landscaping elements, acoustics etc
- 30 marks allotted for continues Assessment, 40 marks for detailed report by subject faculty and 30 marks for VIVA VOCE conducted by both internal and external examiners.

e) Project work

- During the 6thsemester students shall carry out project under the guidance of allotted guide and submit report along with portfolio
- Valuation of project shall be as follows
  30 marks for Continues Assessment, 40 marks for Portfolio and report by internal guide
- VIVA VOCE for 30 marks will be conducted by internal and external examiner selected by BOE

8. Declaration of results:

- Within 30 days of completion of examination, result sheets shall be submitted to the University for Approval and announcement. .
- If the students wish to apply for revaluation the same will be done after collecting nominal fees of Rs 500/- per paper
- If the students wish to apply for challenge revaluation, the BOE appoints the subject expert to evaluate after collecting nominal fees of Rs 3000/- per paper.
- The results and grades of the Bachelor in Interior Design shall be declared as per the regulations of the Choice Based Credit System of University of Mysore.

9. Scheme of academic

I SEMESTER

PAPER	TITLE OF THE PAPER	CREDITS			CREDITS	MARKS						TOTAL	
		L	T	P		CA		THEORY EXAM		PRACTICAL EXAM			
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
ID1.1	ENGLISH	3	0	0	3	30		70	28			100	40
ID1.2	LANGUAGE	3	0	0	3	30		70	28			100	40
ID1.3	INTERIOR DESIGN –I (Practical)	0	0	3	3	30				70	28	100	40
ID1.4	ART & GRAPHICS (Practical)	0	0	2	2	30				70	28	100	40
ID1.5	CONSTRUCTION MATERIALS-I	3	0	0	3	30		70	28			100	40
ID1.6	GEOMETRICAL DRAWING – I (Practical)	0	0	3	3	30				70	28	100	40
ID1.7	INDIAN CONSTITUTION&ETHICS	3	0	0	3	30		70	28			100	40
	TOTAL				**20**							**700**	

II SEMESTER

PAPER	TITLE OF THE PAPER	CREDITS			CREDITS	MARKS						TOTAL	
		L	T	P		CA		THEORY EXAM		PRACTICAL EXAM			
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
ID2.1	ENGLISH	3	0	0	3	30		70	28			100	40
ID2.2	LANGUAGE	3	0	0	3	30		70	28			100	40
ID2.3	INTERIOR DESIGN - II (Practical)	0	0	3	3	30				70	28	100	40
ID2.4	CONSTRUCTION MATERIALS-II	3	0	0	3	30		70	28			100	40
ID2.5	GEOMETRICAL DRAWING - II (Practical)	0	0	3	3	30				70	28	100	40
ID2.6	MODEL MAKING (Practical)	0	0	2	2	30				70	28	100	40
ID2.7	ENVIRONMENTAL STUDIES	3	0	0	3	30		70	28			100	40
	TOTAL				**20**							**700**	

III SEMESTER

PAPER	TITLE OF THE PAPER	CREDITS			CREDITS	MARKS						TOTAL	
		L	T	P		CA		THEORY EXAM		PRACTICAL EXAM			
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
ID3.1	ENGLISH	3	0	0	3	30		70	28			100	40
ID3.2	LANGUAGE	3	0	0	3	30		70	28			100	40
ID3.3	INTERIOR DESIGN –III (Practical)	0	0	3	3	30				70	28	100	40
ID3.4	CONSTRUCTION AND DETAILING (Practical)	0	0	3	3	30				70	28	100	40
ID3.5	INTERIOR SERVICES-I	3	0	0	3	30		70	28			100	40
ID3.6	COMPUTER AIDED INTERIOR DESIGN (Practical)	0	0	3	3	30				70	28	100	40
ID3.7	INTERIOR SPACE PLANNING	2	0	0	2	30		70	28			100	40
	TOTAL				**20**							**700**	

IV SEMESTER

PAPER	TITLE OF THE PAPER	CREDITS			CREDITS	MARKS						TOTAL	
		L	T	P		CA		THEORY EXAM		PRACTICAL EXAM			
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
ID4.1	ENGLISH	3	0	0	3	30		70	28			100	40
ID4.2	LANGUAGE	3	0	0	3	30		70	28			100	40
ID4.3	INTERIOR DESIGN –IV (Practical)	0	0	3	3	30				70	28	100	40
ID4.4	HISTORY OF INTERIOR DESIGN	3	0	0	3	30		70	28			100	40
ID4.5	SPECIFICATION ESTIMATION AND COSTING	3	0	0	3	30		70	28			100	40
ID4.6	3DS MAX (Practical)	0	0	3	3	30				70	28	100	40
ID4.7	INTERIOR SERVICES-II	2	0	0	2	30		70	28			100	40
	TOTAL				**20**							**700**	

V SEMESTER

PAPER	TITLE OF THE PAPER	CREDITS			CREDITS	MARKS						TOTAL	
		L	T	P		CA		THEORY EXAM		PRACTICAL EXAM			
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
ID5.1	ACOUSTICS	3	0	0	3	30		70	28			100	40
ID5.2	INTERIOR LAND SCAPING	3	0	0	3	30		70	28			100	40
ID5.3	INTERIOR DESIGN -V (Practical)	0	0	4	4	30				70	28	100	40
ID5.4	ELECTIVE	0	4	0	4	30		40 marks for detailed report by subject faculty and 30 marks for VIVA VOCE conducted by both internal and external examiners, minimum 28 marks				100	40
ID5.5	FURNITURE DESIGN (Practical)	0	0	3	3	30				70	28	100	40
ID5.6	INDUSTRIAL APPRENTICESHIP	0	3	0	3	30		40 marks for portfolio presentation by subject faculty and 30 marks for VIVA VOCE, minimum 28 marks				100	80
	TOTAL				**20**							**600**	

VI SEMESTER

PAPER	TITLE OF THE PAPER	CREDITS			CREDITS	MARKS						TOTAL	
		L	T	P		CA		THEORY EXAM		PRACTICAL EXAM			
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
ID6.1	CONSTRUCTION MANAGEMENT	4	0	0	4	30		70	28			100	40
ID6.2	PROFESSIONAL PRACTICE	4	0	0	4	30		70	28			100	40
ID6.3	PROJECT WORK	0	6	6	12	30		40 marks for Portfolio and report by internal guide VIVA VOCE for 30 marks will be conducted by internal and external examiner selected by BOE, Minimum 28 marks				100	40
	TOTAL				**20**							**300**	

I SEMESTER

PAPER-1

CODE-ID1.1

ENGLISH

DETAILED SYLLABUS

As prescribed by University of Mysore

PAPER-2

CODE-ID1.2

LANGUAGE

DETAILED SYLLABUS

As prescribed by University of Mysore

PAPER-3

CODE-ID1.3

INTERIOR DESIGN – I

Objective:

- The objective of the subject is to make students understand the principles of design familiar with the meaning and purpose of design. Training them in visual composition using two dimensional and three dimensional objects.

Unit - I: Basics of design

1. Point
2. Line, plane and volume
3. Shape – natural, geometric and non-objective shapes
4. Texture – textile and visual
5. Colour – colour wheel, colour schemes and psychology of colour
6. Analysis of solids and voids

Unit - II: Principles of design

1. Contrast
2. Harmony
3. Physics
4. Scale
5. Balance
6. Proportion and unity

Unit - III: Anthropometrics and dimensioning

1. Basic anthropometrics
2. Its study and the graphic representation
3. Proportions of male and female body on the basis of 7 ½ head
4. Structural dimensions
5. Functional dimensions
6. Graphic representation

Unit - IV: Furniture layout and user space for different activities

1. Furniture representation

2. Clearance for user space in drawing room
3. Clearance for user space in dining room
4. Clearance for user space in bedroom
5. Clearance for user space in toilet
6. Seating arrangements for different activities

Reference books:

- Joseph De Chiara, Julius Perero and Martin Zelnik, *Time Saver Standards for Interior design and Space Planning* , McGraw Hill, New York ,San Francisco ,Lisbon ,London, Pg :1669
- Joseph De Chiara ,Michael J Crosbie ,Time Savers Standards for Building Types, McGraw Hill, Boston Burr Ridge, Dubuque, I A Madison, W I New York, San Francisco, Pg : 995
- Ernst and Peter Neufert – *Neufert Architect's Data*, Wiley Blackwell ,United Kingdom, Pg : 175
- Ahmed A Kasu ,*An Introduction to Art, Craft, Technique, Science & Profession of Interior Design*, Ashish Book Centre, New Delhi, Pg : 701
- Robert W Gill, *Rendering with Pen and Ink* ,Thames & Hudson ,London , Pg :399
- Mike W Lin, ASLA , Drawing and designing with confidence, John Wiley & Sons, INC , New York, Chichester, Weinheim, Brisbane ,Singapore ,Toronto , Pg:195

PAPER - 4

CODE-ID1.4

ART AND GRAPHICS

Objectives:

- To develop students skill in free hand drawing, sketching and compositions using different media

Unit - I:Sketching and rendering

1. Sketching of geometrical objects
2. Rendering of geometrical objects
3. Study of light and shadow effect
4. Sketching and rendering of plants, trees etc
5. Sketching and rendering of interior materials like stones, carpet, fabric
6. Understanding different texture through rendering

Unit - II: Colour rendering

1.Interior to colour technique of rendering using points

2.Colour rendering of geometric objects

3.Study of light and shadow effect

4.Using colours

5.Colour rendering of plants trees etc

6.Colour rendering of materials like fabric carpets etc

Unit - III: Colour scheme

1. Monochromatic colour scheme
2. Complementary colour scheme
3. Split complimentary colour scheme
4. Analogues colour scheme
5. Triadic colour scheme
6. Interior colour scheme

Unit - IV: Design principles

1. Symmetric compositions
2. Asymmetric compositions

3. Rhythm and harmony in compositions
4. Contrast in compositions
5. Balance through symmetry
6. Balance through asymmetry

Reference books:

- Ahmed A Kasu ,*An Introduction to Art, Craft, Technique, Science & Profession of Interior Design*, Ashish Book Centre, New Delhi, Pg : 701
- Robert W Gill, Rendering with Pen and Ink ,Thames & Hudson ,London , Pg :399
- Mike W Lin, ASLA , *Drawing and designing with confidence*, John Wiley & Sons, INC , New York, Chichester, Weinheim , Brisbane ,Singapore ,Toronto , Pg:195

PAPER-5

CODE-ID1.5

CONSTRUCTION MATERIALS -I

Objectives:

- To understand the building materials and its construction details with their current market rates and forms.

Unit-I: Stone& Brick masonry

1. Types of bricks – traditional, wire cut, moulded bricks and its sizes.
2. Different types of bonds
3. Bricks in interiors
4. Types of stones
5. Dressing of stones / finishes
6. Stones – its application in interiors

Unit-II: Cement / mortar and its application

1. Types of cement – Portland, Pozzolona etc.
2. Mortar – its properties
3. Types of mortar – lime mortar and cement mortar
4. Concrete and admixtures
5. R.C.C
6. R.B.concrete

Unit-III: Timberand its usage in construction

1. Timber – as a building material
2. Seasoning & preservation of timber
3. Hardwood & softwood.
4. Industrial timber – Ply woods, Block boards
5. Fibre board
6. Market survey – sizes & rates, brands

Unit-IV: Ferrous and non-ferrous metals

1. Alloys and its application in interiors

2. Steel and its application
3. Steel alloys
4. Aluminium and its application in interiors
5. Aluminium alloys
6. Plastics and miscellaneous

Reference books:

- SushilKumar, *Building Construction* ,Standard Publishers Distributors, Delhi Pg : 812
- S.P. Arora, S.P. Bindra ,*Text book of Building Construction*, DhanpatRai Publications New Delhi
- GurcharanSingh, *Building materials* ,Standard Publishers Distributors , Delhi , Pg : 1378
- Rangwala,*Building Construction*, Charotar Publishing House Pvt. Ltd. ,Gujarat , Pg : 752

PAPER-6

CODE-ID1.6

GEOMETRICAL DRAWING – I

Objective:

- To develop the technical skill of drawing and projections.

Unit -I: Lines, lettering and dimensioning

1. Types of lines
2. Types of lettering
3. Dimensioning – elements and arrangements.
4. Bisecting lines, arc and angle
5. Drawing of tangents to 2 circles.
6. Inscribing of polygon/super scribing a circle on regular polygon.

Unit -II:Scales and conic sections

1. Plane and diagonal scales
2. Types of conic sections
3. Properties of conics
4. Ellipse and its terminology
5. Parabola and its terminology
6. Rectangular hyperbola

Unit-III: Projections of points and straight line / planes

1. Projection of a point in first quadrant
2. Projection of a point in reference planes
3. Lines parallel to both reference planes
4. Lines parallel and inclined to both plane and inclined to the other
5. Lines inclined to both H.P. and V.P.
6. Simple application problems.

Unit-IV: Projections of solids

1. Introduction
2. Classification of solids
3. Prisms

4. Pyramids
5. Oblique cylinder & oblique cone
6. Spheres

Reference books:

- N D Bhatt , *Engineering Drawing*, Charotar Publishing House Pvt. Ltd., Gujarat ,Pg : 708
- K Venugopal ,V Prabhu Raja, *Engineering Drawing* ,New Age International (P) Ltd. Publishers, New Delhi
- K R Gopalkrishna , SudhirGopalakrishna ,*Engineering Drawing* , Subhas Stores, Bangalore, Pg : 431

PAPER-7

CODE-ID1.7

INDIAN CONSTITUTION AND ETHICS

As prescribed by University of Mysore.

SEMESTER-II

PAPER-1

CODE-ID2.1

ENGLISH

As prescribed by University of Mysore.

PAPER-2

CODE-ID2.2

LANGUAGE

As prescribed by University of Mysore.

PAPER-3

COED-ID2.3

INTERIOR DESIGN –II

Objective:

- To develop the ability to translate the principles of design into interior solutions for single problem.
- Basic human functions and their implications for space requirements
- Minimum and optimum areas for mono function. User's data. Movement and circulation diagrams
- Spatial interpretations – various activities and its relationship with spaces.
- Functional interior layout with furniture, circulation areas, multiplicity of space use. Exercise to understand simple interiors and materials.
- Understanding & designing of various simple interior spaces like residential, commercial and office etc.

The students shall choose any of the following spaces to propose their own interior schemes.

a) A doctor's clinic (out-patient)
b) A two-bed room residential building.
c) Interior designer's office
d) A small gift shop
e) A small footwear shop
f) A public call office (pco)
g) Kids garments sales outlet etc.

Unit-I: Literature study/case study

1. Synopsis
2. Literature case study
3. Live case study
4. Data collection
5. Requirements
6. Area statement

Unit -II: Development of project

1. Concept
2. Mind mapping
3. Mood board

4. Circulation diagram
5. Block diagram
6. Design development

Unit -III: Detailing of project

1. Elevations
2. Sections
3. Furniture layout
4. Flooring plan
5. Ceiling plan
6. Detailing

Unit -IV: Presentation drawing

1. Plans
2. Detailed plans
3. Elevations
4. Sections
5. Details
6. Views

Reference books:

- Joseph De Chiara, Julius Perero and Martin Zelnik , Time *Saver Standards for Interior design and Space Planning* , McGraw Hill, New York ,San Francisco ,Lisbon ,London, Pg :1669
- Joseph De Chiara ,Michael J Crosbie ,*Time Savers Standards for Building Types*, McGraw Hill, Boston Burr Ridge, *Dubuque, I A Madison*, W I New York, San Francisco, Pg : 995
- Ernst and Peter Neufert – *Neufert Architect's Data*, Wiley Blackwell ,United Kingdom, Pg : 175
- Ahmed A Kasu ,*An Introduction to Art, Craft, Technique, Science & Profession of Interior Design,* Ashish Book Centre, New Delhi, Pg : 701
- Robert W Gill, *Rendering with Pen and Ink* ,Thames & Hudson ,London , Pg :399
- Mike W Lin, ASLA , *Drawing and designing with confidence,* John Wiley & Sons, INC , New York, Chichester, Weinheim , Brisbane ,Singapore ,Toronto , Pg:195

PAPER-4

CODE-ID2.4

CONSTRUCTION MATERIALS-II

Objective:

- To give an introduction to building materials and construction methods.

Unit -I: Walls and partition walls

1. Load bearing and non-load bearing walls
2. Wooden partition – its construction details
3. Different types of plaster like lath and its installation
4. Plastic surfaces
5. Gypsum boards partitions
6. Metal stud partitions.

Unit -II: Paints and wall finishes

1. Characteristics of good paint – its ingredients.
2. Method of proper application of paint and polishes – painting process
3. Types of paints –oil and water based paints
4. Polishes – types & its application.
5. Wall papers and finishes
6. Different types of plasters

Unit -III: Window treatments, use of glass

1. Shutters, draperies and curtains
2. Blinds, shades used for windows
3. Different types of fabrics suitable for window treatment
4. Hardware and accessories for window coverings.
5. Awnings & shades for windows.
6. Glass – different types and its uses

Unit -IV: Flooring

1. Cement and brick flooring
2. Wood flooring
3. Resilient flooring
4. Stone flooring

5. Ceramic tile flooring, Terrazzo flooring
6. Soft flooring

Reference books:

- Sushil Kumar, *Building Construction* ,Standard Publishers Distributors, Delhi Pg : 812
- S.P. Arora, S.P. Bindra ,*Text book of Building Construction,* DhanpatRai Publications New Delhi
- Gurcharan Singh, *Building materials,* Standard Publishers Distributors , Delhi , Pg : 1378
- Rangwala,*Building Construction,* Charotar Publishing House Pvt. Ltd. ,Gujarat , Pg : 752

PAPER-5

CODE-ID2.5

GEOMETRICAL DRAWING – II

Objective:

- To develop the technical skill of drawing and projection

Unit-I: Development of solids

1. Principal method of development
2. Development of prisms
3. Development of pyramids
4. Development of cylinders
5. Development of cones
6. Development of spheres

Unit-II: Isometric projections

1. Terminology
2. Principles of isometric projection
3. Isometric of pyramids
4. Isometric of cones
5. Isometric of spheres
6. Isometric views

Unit-III: Oblique projection

1. Terminology
2. Introduction
3. Principles of oblique projection
4. Receding lines and receding angles
5. Types of oblique projection
6. Simple geometrical objects

Unit -IV: Perspective projection

1. Introduction
2. Principle of perspective projection
3. Nomenclature of perspective projection
4. Types of perspective projection

5. Methods of drawing perspective views
6. Vanishing point method

Reference books:

- N D Bhatt , *Engineering Drawing,* Charotar Publishing House Pvt. Ltd., Gujarat , Pg : 708
- K Venugopal ,V Prabhu Raja, *Engineering Drawing,*New Age International (P) Ltd. Publishers, New Delhi
- K R Gopalkrishna , Sudhir Gopalakrishna,*Engineering Drawing*, Subhas Stores, Bangalore, Pg : 431

PAPER-6

CODE-ID2.6

MODEL MAKING

Objective:

- To develop the ability to appreciate the three dimensional implication of design to introduce the students to the techniques of model making

1. Making of simple geometrical objects like cubes, cuboids, pyramids, curves etc.
2. Study of shades and shadows of model with the help of artificial light, Paper, handmade paper, mount boards, balsa wood, perplex sheet, cork sheets, pop, thermo Cole or any other material which creates an effect of reality in model forms.

PAPER-7

CODE-ID2.7

ENIVRONMENTAL STUDIES

As prescribed by University of Mysore

III SEMESTER

PAPER-1

CODE-ID3.1

ENGLISH

As prescribed by University of Mysore

PAPER-2

CODE-ID3.2

LANGUAGE

As prescribed by University of Mysore

PAPER-3

CODE-ID3.3

INTERIOR DESIGN – III

Objective:

- Design an interior space with due consideration to its functioning and aesthetic appeal. Use of different materials, colour and textures
- Designing with plans, elevation and sections
  a) Detailing of flooring finishes and designs
  b) Detailing of false ceiling finishes and design
  c) Furniture – movable and immovable detailing to be done
- Students shall choose any 3 of the following space for their project work
  a) Show room
  b) Salon
  c) Class room
  d) Coffee shop

Unit-I: Literature study/case study

1. Synopsis
2. Literature case study
3. Live case study
4. Data collection
5. Requirements
6. Area statement

Unit -II: Development of project

1. Concept
2. Mind mapping
3. Mood board
4. Circulation diagram
5. Block diagram
6. Design development

Unit -III: Detailing of project

1. Elevations
2. Sections
3. Furniture layout
4. Flooring plan
5. Ceiling plan
6. Detailing

Unit -IV: Presentation drawing

1. Plans
2. Detailed plans
3. Elevations
4. Sections
5. Details
6. Views

Reference books:

- Joseph De Chiara, Julius Perero and Martin Zelnik , *Time Saver Standards for Interior design and Space Planning* , McGraw Hill, New York ,San Francisco ,Lisbon ,London, Pg :1669
- Joseph De Chiara ,Michael J Crosbie ,*Time Savers Standards for Building Types,* McGraw Hill, Boston Burr Ridge, Dubuque, I A Madison, W I New York, San Francisco, Pg : 995
- Ernst and Peter Neufert – *Neufert Architect's Data,* Wiley Blackwell ,United Kingdom, Pg : 175
- Ahmed A Kasu ,*An Introduction to Art, Craft, Technique, Science & Profession of Interior Design,* Ashish Book Centre, New Delhi, Pg : 701

PAPER – 4

CODE – ID3.4

CONSTRUCTION AND DETAILING

Objective:

- To give introduction to building and interior element and construction methods and materials

Unit- I: Different types of arches and lintels

1. Terminology
2. Classification of arch – according to shape
3. Classification of arch – according to material
4. Lintels – classification according to material
5. Classification of arch according to number of centres
6. Elements of arch

Unit- II:Doors and windows - different types

1. Types of windows – wooden
2. Types of windows – metal
3. Bay window and sky lights
4. Doors - terminology
5. Types of doors based on materials
6. Types of doors based method

Unit- III:Joinery and tales ceiling

1. Types of joints
2. Fixtures and hardware in doors and windows
3. Terminology in joinery
4. Partitions – wooden metal stud and aluminium
5. False ceilings of gypsum, plaster of Paris, PVC and decorative sheets
6. Acoustical ceilings – different types and their method

Unit- IV:Staircase and elevators

1. Terminology
2. Types of stairs – straight, dog-legged, circular, spiral
3. Stairs of different material – timber, steel, rcc
4. Balustrades and hand rails
5. Key - design consideration for elevators
6. Elevator cab interiors

Reference books:

- Punmia, B.C.; *A Textbook of Building Construction;* Laxmi Publications (P) Ltd; New Delhi; 2005; Pg: 846.
- Kumar, Sushil; *Building Construction;* Standard Publishers Distributors; New Delhi; 2006; Pg: 796.
- DE Chiara, Joseph; *Time Savers Standards for Interior Design and Space Planning*; McGraw Hill Professional; New York; 2001; Pg: 1689.

PAPER – 5

CODE – ID3.5

INTERIOR SERVICES – I

Objectives:

- To impart the knowledge and skills required for understand the internal building services and their integration with interior design

Unit- I: Natural lighting

1. Daylight factor
2. Recommended daylight factors for interiors
3. Calculation of the opening for natural lighting
4. Guidelines for good natural lighting
5. Factors affecting illumination
6. Reflection and transmission

Unit- II: Artificial lighting

1. Different types of lighting arrangements
2. Principles of lighting
3. Luminous intensity of light sources
4. Variety of lamps
5. Luminous intensity of light sources
6. Position of lighting points

Unit- III: Lighting fixtures of wiring

1. Types of fixtures and luminaries
2. Lighting accessories
3. Protection devices

4. Guidelines for electric distribution system
5. Earth protection
6. Types of intercoms and pabx systems

Unit- IV: Calculation of artificial lighting and electrical wiring

1. Recommended level of illumination
2. Guidelines for lighting design
3. Lumen method of design
4. Wiring process
5. Wiring layout of a house
6. Wiring layout of a house

Reference:

- Hall, Fred; Greeno, Roger; *Building Services Handbook*; Butterworth Heinemann; UK; 2001; Pg: 465
- Ch'ing, Francis D.K.; Binggeli, Cork*; Interior Design Illustrated*; Willey Publications; New Jersey; 2004; Pg: 352

PAPER – 6

CODE – ID3.6

COMPUTER AIDED INTERIOR DESIGN

Objectives:

- To understand general use of computers and use of computer for design of 2 dimensional objects.

Unit- I: Computer and Cad

1. Fundamental of computers
2. Drawing objects
3. Circles and curves arc
4. Polygon, ellipse
5. Solid
6. Donut

Unit- II:Object editing: move, copy erase, array, break, mirror, off set

1. Setting drawing limits
2. Object selection, drafting, setting
3. Polar tracking, grid and snap
4. Isometric drawing
5. Creating and editing text, spell, m text,
6. dimensioning

Unit- III:Object editing

1. Trim, extend, stretch
2. Colour and line types setting

3. Viewing commence – zoom, pan, view and ds viewer
4. Holstering utility – hatch boundary, hatch, editing hatches
5. Setting up drawing units, polyline, ad changing
6. Layer creation

Unit- IV: Advanced object creation and construction line

1. M line, ml style, ml edit, sp line,
2. Q dim, tolerance, leader, dimension style
3. X line, ray
4. General different geometrical shapes
5. Plans of residential buildings
6. Elevation of interiors

Reference books:

- Gopalakrishna,K.R.; Gopalakrishna, Sudhir; *A Text Book of Computer Aided Engineering Drawing*; Subhas Stores; Bangalore; 2013; Pg: 432
- Strock, Cheryl R.; *Advance AutoCAD;* BPB Publications 2010; Pg: 200
- Tickoo, Prof. Shan; *AutoCAD 2013 for Engineers and Designers*; Dreamtech Publication 2013; Pg: 1200
- Jeyapoovar, T.; *Engineering Drawing and Graphics using AutoCAD*; Vikas Publishing House, 2010; Pg: 686
- John, Elys; *CAD Fundamentals for Architecture*; Laurence King Publishing, 2013; Pg: 208

PAPER – 7

CODE – ID3.7

INTERIOR SPACE PLANNING

Objectives:

- To understand the basic procedure of analysing the design.

Unit- I: Program development

1. Data collection
2. Analysis – activity and dimension
3. Synthesis – zonal and block diagram
4. Evaluation
5. Execution
6. Feedback – evaluation

Unit- II: Space development

1. Building conceptual concepts
2. Present preliminaries
3. Develop final plan
4. Present final plan using 3d drawing, models etc
5. Revisions

Unit- III:Construction documents

1. Revised final design
2. Construction plans

3. Telephone and electrical plans
4. Finishes plans
5. Furniture plans
6. Details

Unit- IV: Consult with consultants

1. Acoustical consultant
2. Lighting consultant
3. Plumbing consultant
4. Ac consultant
5. Special consultant based project needs
6. Develop time in schedule based on inputs by consultant

Reference books:

- Joseph De Chiara, Julius Perero and Martin Zelnik , *Time Saver Standards for Interior design and Space Planning* , McGraw Hill, New York ,San Francisco ,Lisbon ,London, Pg :1669
- Joseph De Chiara ,Michael J Crosbie ,*Time Savers Standards for Building Types,* McGraw Hill, Boston Burr Ridge, Dubuque, I A Madison, W I New York, San Francisco, Pg : 995
- Ernst and Peter Neufert – *Neufert Architect's Data,* Wiley Blackwell ,United Kingdom, Pg : 175
- Ahmed A Kasu ,*An Introduction to Art, Craft, Technique, Science & Profession of Interior Design,* Ashish Book Centre, New Delhi, Pg : 701

IV SEMESTER

PAPER-1

CODE-ID4.1

ENGLISH

.

As prescribed by University of Mysore

PAPER-2

CODE-ID4.2

LANGUAGE

As prescribed by University of Mysore

PAPER-3

CODE-ID4.3

INTERIOR DESIGN – IV

Objectives:

- Students must design any residential commercial or educational building interiors should include case study of a similar project done by eminent people (area up to 3000sft)

Layout sections

Working drawing elevations

Perspectives

Sample board etc.

Unit-I: Literature study/case study

1. Synopsis, Literature case study
2. Live case study
3. Data collection
4. Requirements,
5. Area statement
6. Concept

Unit-II: Development of project

1. Concept
2. Mind mapping
3. Mood board

4. Circulation diagram
5. Block diagram
6. Stack diagram

Unit-III: Detailing of project

1. Furniture Layout
2. Elevations
3. Sections
4. Flooring plan,
5. ceiling plan
6. Details

Unit-IV: Presentation drawing

1. Plans
2. Detailed plans
3. Elevations
4. Sections
5. Details, Views
6. Model to be executed according to design proposal

Reference books:

- Rao M, Partap; *Interior Design (Principles and Practice);* Standard Publishers Distributors; Delhi; 2006; Pg: 208.
- Ch'ing, Francis D.K.; Binggeli, Cork; *Interior Design Illustrated;* Willey Publications; New York; 2004; Pg: 352
- By M.C.Graw, *Time saver Standards for Architectural Design Data,* Publications, Delhi, 2011, Pg: 918.
- Joseph De Chiara, Julius Perero and Martin Zelnik , *Time Saver Standards for Interior design and Space Planning* , McGraw Hill, New York ,San Francisco ,Lisbon ,London, Pg :1669
- Joseph De Chiara ,Michael J Crosbie ,*Time Savers Standards for Building Types,* McGraw Hill, Boston Burr Ridge, Dubuque, I A Madison, W I New York, San Francisco, Pg : 995
- Ernst and Peter Neufert – *Neufert Architect's Data,* Wiley Blackwell ,United Kingdom, Pg : 175

PAPER – 4

CODE – ID4.4

HISTORY OF INTERIOR DESIGN

Objectives:

- To develop knowledge of furniture period historic and period furniture from the ancient world to modern day world.

Unit- I: History of furniture in the ancient world

1. Greek furniture, influence of other countries and its importance types of furniture items
2. Roman furniture forms
3. Romanesque furniture
4. Gothic style of furniture – evaluation, characteristics, items of furniture
5. Early medieval period – characteristics of furniture
6. Ancient Egyptian furniture – characteristics

Unit- I: Pre – renaissance period – furniture development

1. Baroque characteristics and types of furniture
2. Neo classical characteristics and types of furniture
3. Renaissance characteristics and types of furniture
4. Regency and rococo characteristics and types of furniture
5. Art novenas characteristics and types of furniture
6. French provincial characteristics and types of furniture

Unit – III: Furniture development in England classification of English furniture

1. Indoor
2. Early street
3. Early Georgian
4. Age of Greek designers
5. Victorian styles
6. The arts and crafts movement

Unit – IV: History of 20th century interior and furniture

1. Furniture development in Germany
2. Furniture development in France – art deco types
3. Furniture development in England USA etc.
4. Indian interiors
5. Glossary of furniture items
6. Finishes and furnishing

Reference:

- Kasu, A Ahmed; *Specifications of Interior Design; An Introduction to Art, Craft, Science, Techniques and Profession of Interior Design* (English); Sunrise Publishers; Delhi; Pg: 2005

PAPER – 5

CODE – ID4.5

SPECIFICATION, ESTIMATION AND COSTING

Objectives:

- To develop skills of estimating and costing for the interiors and different methods of estimation

Unit-I: Cost estimation

1. Cost influences and construction costs
2. Furniture, fixtures and equipment
3. Contractors overhead and profit
4. Professional fees
5. Taxes and contingencies
6. Other installation

Unit-II: Methods of estimation

1. Introduction
2. Square footage
3. Parameter
4. Items - wise , take - offs
5. Factors of consideration for special design
6. Example of an estimate

Unit-III: Specification

1. Types of specifications – introduction

2. Prosperity specifications
3. Based – bid specifications
4. Descriptive specifications
5. Performance specifications
6. Master specifications

Unit-IV: Writing of specification

1. Purpose and definition of specification.
2. Guidelines for writing specifications
3. Coordination with the construction drawings
4. Furniture specification
5. Checklist for construction drawing and specification
6. Specification for walls, floors, wardrobes, ceiling, painting etc.

Reference books

- Dutta, B.N.; *Estimating and Costing in Civil Engineering*; UBS Publishers Distributors Pvt. Ltd.; New Delhi; 2014; Pg: 904.
- Mantri, Sandeep; *The A to Z of Practical Building Construction and its Management*; SatyaPrakashan; New Delhi; 2013; Pg: 665.

PAPER – 6

CODE – ID4.6

3DS MAX

Objectives:

- To understand general use of computers and use of computer for design of 3dimensional objects

Unit-I: Introduction and create objects

1. Introduction – About Max, system configuration, Maxinterface. Settingproject, CustomizeViewports, StandardPrimitives, Creating objects using Keyboard Entry
2. Creating Extended Primitives, Defining object, name and colour
3. Transforms (move, rotate and scale with short-cut keys),Using absolute / relative transform type-in dialog box, Using clone (copy option only),Selection regions, types, select by name dialog box, selection sets, edit selection sets
4. Group and sub menus, Unit setup, Snap tools, Using grid and snap setting dialog box
5. Using layer manager, align tool, clone and align tool, mirror tool and quick align
6. Applying basic 3D modifiers- bend, taper, twist, noise, relax, skew, affect region, displace, lattice, mirror, push, ripple, stretch, squeeze and spherify, shell, slice and wave.

Unit-II: Modify objects

1. 2D- shapes, About start new shape, Editing line object
2. 2D Modifiers- edit spline modifier, lathe, extrude, bevel, bevel profile, sweep, fillet/chamfer, normalize spline, Compound Objects- Boolean
3. AEC extended objects – foliage, railing, wall, staircase, doors and windows.

4. Copying objects- clone, instance, reference, array, space tool, normal align, align view and align camera, working with shape Boolean
5. Edit-spline, Compound object- Loft
6. Deforming loft objects- scale, twist, teeter, bevel, fit- modifying objects.

Unit-III: Creation of interior building elements

1. Introduction to material editor, tools in M.E., assign materials to selection, assigning 2D maps, shader basic and blinn basic parameter.
2. Get materials, save material library, maps rollout, material / map navigation, rendering map, extended parameters.
3. Introduction to lights- standard lights- Omni
4. Target spot and free spot
5. Target direct, free direct, sky light, place highlight
6. Photometric light- target point, free point, target linear, free linear, target area, free area.

Unit-IV: Rendering and animation

1. Cameras- target,
2. free-multi pass effect, depth of field, motion blur,
3. animating camera in a path, animation camera in free movement, navigating the camera using keyboard
4. Rendering basics- output image sizes,
5. export as jpeg, file handling- save, save as, save copy as, save selected,
6. Archive, summary info, view image file, hold, fetch, undo/redo.

Reference books:

- Gopalakrishna,K.R.; Gopalakrishna, Sudhir; *A Text Book of Computer Aided Engineering Drawing;* Subhas Stores; Bangalore; 2013; Pg: 432

PAPER – 7

CODE – ID4.7

INTERIOR SERVICES- II

Objective:

- To impart the knowledge and skills required for understanding of the water supply system, sanitation, ventilation system and fire protection system in internal building services and their integration with interior design.

Unit-I: Domestic water supply and sanitation

1. Systems of water supply
2. Calculation of water supply needs
3. Requirements and storage of water
4. Water supply in multi storage building
5. Drainage
6. Traps- different types used.
7. Septic tank
8. Two types of plumbing systems
9. Ventilation systems
10. Inspection chambers / manhole

Unit-II: Sanitary fittings, fixtures and bathroom accessories

1. Different types of hand wash basins, water closets and urinals

2. Showers / diverters / panels
3. Mixers / cisterns and bath tubs / Jacuzzi
4. Towel rails / rods, mirrors, storages, materials application
5. Toilet plans tiling plan
6. Drainage sanitary piping plans

Unit-III: Natural ventilation for the building, air-conditioning and duck table system

1. Guidelines for natural ventilation
2. Mechanical ventilation- ventilation with fans and ventilation with ducts
3. Recommended fresh air supply and calculation of openings for natural ventilation
4. Need and atmospheres conditions for human comfort
5. Process of air conditioning, types of air conditioning system and window units
6. Packaged air conditioner, vertical air cooled packaged unit, horizontal package unit, central plant systems, ducks grills and diffusers

Unit-IV: Fire protection

1. Causes of fire and preventive measure
2. Fire resisting construction
3. Responsible for designer towards five, resistance specification and requirements
4. Types of lifts-typical section through a lift showing a lift car, shape and size
5. Interior finishing of a lift car including vent and lighting

Reference:

- Punmia, B.C.; *Environmental Engineering-I-Water Supply Engineering*; Laxmi Publications (P) Ltd; New Delhi; 2005; Pg: 570.
- Rangwala, S.C.; *Water Supply and Sanitary Engineering*; Charotar Publishing House; Gujarat; 1988; Pg: 771.
- Singh, Gurcharan; *Water Supply and Sanitation Engineering* (Environmental Engineering); Standard Publishers Distributors; 2007; Pg: 968.
- Hall, Fred; Greeno, Roger; *Building Services Handbook;* Butterworth Heinemann; UK; 2001; Pg: 465
- Ch'ing, Francis D.K.; Binggeli, Cork; *Interior Design Illustrated;* Willey Publications; New Jersey; 2004; Pg: 352

SEMESTER V

PAPER-1

CODE-ID5.1

ACOUSTICS

Objective:

- To impart the knowledge and skills required for understanding the acoustics and sound insulation in the interiors of the building.

Unit-I: Objectives and factors involving sound

1. Objectives
2. Terminology
3. Sound in interiors
4. Classification of sound
5. Sound transmission
6. Defects due to reflected sound

Unit-II:Classification of Absorbents

1. Classification of absorbents
2. Types of sound absorptive materials
3. Porous absorbents

4. Commercial porous materials
5. Resonant panels or membrane systems
6. Space or functional absorbers.

Unit- III:Ways to control room Noise

1. Ways to control room noise
2. Control of sound transmission
3. Speech privacy
4. Room geometry and planning concepts
5. Control of impact noise
6. Acoustic ratings of ceilings

Unit-IV:Sound Insulation Materials

1. Sound insulation materials
2. Wall insulation
3. Flooring insulation
4. Ceiling insulation
5. Timber floor floating construction
6. Window insulation

Reference books

- By Rangawala, *Building construction, Charotar*publication house Pvt. ltd., 2010, Pg: 752.
- By M.Prataprao, Interior *Design Principle and Practice*, Standard publications, Delhi, 2010, Pg: 121.
- By Francis d.k.ching and corky binggeli, *Interior Design*, John wiliy and sons Inc. publications ,Hoboken,New Jersey, 2005, Pg:344

PAPER -2

CODE-ID5.2

INTERIOR LANDSCAPING

Objective:

- To develop knowledge of interior plants and elements of interior landscape.

Unit-I: Indoor plants

1. Introduction
2. Function of indoor plants
3. Classification of plants
4. Light intensity
5. Soil separator
6. Planting medium

Unit-II: Characteristics of Plan

1. Plant texture
2. Plant height
3. Plant spacing
4. Plant containers
5. Built-in planters & balcony rail planters
6. Construction details for planters

Unit-III: Plant irrigation

1. Watering by hand
2. Automated low-volume irrigation systems
3. Sub-irrigation systems
4. Drainage
5. Pest control
6. Suspended plants

Unit-IV: Artificial plants and arrangements

1. Description of plants
2. Pruning of plants
3. Physiological disorders
4. Artificial and preserved plants
5. Flower arrangement – diff types
6. Flower container

Reference books

- Nelson hammer, *Interior landscaping design*.
- George .h, *Plantscapes:illustration ,maintenance and management*
- Lynnelockwoodseignot, *Interior plantscape-a guide to planting in work and leisure places.*
- M.D.TulasiiGangaa,*InteriorDesign*,Cadcenter training services Pvt. Ltd ,Chennai,2004,Pg: 324

PAPER -3

CODE-ID5.3

INTERIOR DESIGN – V

Objectives:

- Students must design any residential commercial or educational building interiors should include case study of a similar project done by eminent people (area up to 3000sft)

Unit-I: Literature study/case study

1. Synopsis, Literature case study
2. Live case study
3. Data collection
4. Requirements,
5. Area statement
6. Concept

Unit-II: Development of project

1. Concept
2. Mind mapping
3. Mood board
4. Circulation diagram
5. Block diagram
6. Stack Diagram

Unit-III: Detailing of project

1. Furniture Layout
2. Elevations
3. Sections
4. Flooring plan,
5. Ceiling plan
6. Details

Unit-IV: Presentation drawing

1. Plans
2. Detailed plans
3. Elevations
4. Sections
5. Details, Views
6. Model to be executed according to design proposal

Reference books

- By Joseph Dechiara,JuliusPerero,and Martin Zeluik,*Times savers standards for Architectural Design Data,* M C Grawhill book company,NewYork,Chicago,London., Pg: 1669.
- By Joseph Dechiara,JuliusPerero,and Martin Zeluik,*Times savers standards for Building Types,* M C Grawhill book company,NewYork,Chicago,London., Pg: 995.
- Erust and Peter Neufert, *Neufert Architects Data*, Wiley Blackwell, U.K, Pg: 175.

PAPER -4

CODE-ID5.4

ELECTIVE

Objective:

- To enable students to gain knowledge on functioning of an enterprise.
- The students will select a project / live project of any one of the specialized subjects under supervision of a guide.

1. Exhibition design
2. Retail design
3. Visual merchandising
4. Lighting design
5. Hospitality space
6. Eco-friendly space

PAPER -5

CODE-ID5.5

FURNITURE DESIGN

Objective:

- Students must design furniture with study of the material used, working drawings, and details to be worked out. Preparation of the model of the furniture with similar material considered.

Reference books

- By Joseph Dechiara,JuliusPerero,and Martin Zeluik,*Times savers standards for Architectural Design Data,* M C Grawhill book company,NewYork,Chicago,London., Pg: 1669.
- By Joseph Dechiara,JuliusPerero,and Martin Zeluik,*Times savers standards for Building Types,* M C Grawhill book company,NewYork,Chicago,London., Pg: 995.
- Erust and Peter Neufert,*Neufert Architects Data,*WileyBlackwell, U.K, Pg: 175.

PAPER -6

CODE-ID5.6

INDUSTRIAL APPRENTICESHIP

Objectives:

- The objectives of the internship are to enable students to gain knowledge on functioning of architectural / interior enterprise through on job training in various reputed architectural / interior organizations for 45 days.

VI SEMESTER

PAPER-1

CODE-ID6.1

CONSTRUCTION MANAGEMENT

Objective:

- To develop the knowledge of management, administration and organization including duties and responsibility.

Unit-I: Study of management and organization

1. Study of management and organization including duties and responsibility.
2. Objectives of project management.
3. Classification of management
4. Principles of management
5. Functions of management
6. Types of business organization with their merits and demerits.

Unit-II: Project Planning

1. Pre-tender planning

2. Planning during tendering.
3. Post tender advantage
4. Bar chart -their advantages and limitations
5. Mile stone chart
6. Networks analysis – CPM & pert with problems

Unit-III: Project Scheduling & Controlling

1. Construction schedule (related to interior design field)
2. Labour schedule
3. Material schedule
4. Financial schedule
5. Equipment schedule
6. Organization schedule

Unit-III: Valuation

1. Purpose of valuation and different forms of values
2. Income- gross income, net income, outgoings
3. Depreciation- different methods of calculation
4. Introduction to M.S. Project
5. Safety management – introduction, causes of accidents and safety measures.
6. Prevention of fires @ construction sites.

Reference books

- By Sandeep mantri, *Practical Building Construction and its Management,* Satyaprakashan publications, New Delhi, 2011, Pg: 665.

PAPER-2

CODE-ID6.2

PROFESSIONAL PRACTICE

Objective:

- To impart knowledge of practice in the construction industry.

Unit-I: Ways of Practice

1. Working in established firm – advantages and disadvantages
2. Working in a small firm – advantages and disadvantages
3. Joining a show room – advantages and disadvantages
4. Freelance work – advantages and disadvantages
5. Partnership – advantages and disadvantages
6. Associate ship

Unit-II: Interior designer's role & clients

1. Ideal client
2. Bad client
3. Searching for a client

4. Role of an interior designer and necessity
5. Project execution
6. Methods of checking on site

Unit-III: Tendering & Arbitration

1. The procedures
2. Tendering for a project
3. Awarding of the tender
4. The work order
5. Arbitration
6. Professional bodies and arbitration

Unit-IV: Code & Ethics

1. Code of professional conduct of interior designs
2. Membership
3. Payment of subscription
4. Members and their responsibility
5. Trade members
6. Associate and fellow members.

Reference books

- By Sandeep Mantri, *Practical Building Construction and its management*, Satyaprakashan publications, New Delhi, 2011, Pg: 665.
- By Christine.M.Piotrowski , *professional practice for interior designers*

PAPER-3

CODE-ID6.3

PROJECT WORK

Objectives:

- The objectives of the project work are to enable students to gain knowledge on functioning of interior / architectural enterprises.

Unit-I: Literature study/case study

1. Synopsis, Literature case study
2. Live case study
3. Data collection
4. Requirements,
5. Area statement
6. Concept

Unit-II: Development of project

1. Concept
2. Mind mapping
3. Mood board
4. Circulation diagram

5. Block diagram
6. Stack diagram

Unit-III: Detailing of project

1. Furniture Layout
2. Elevations
3. Sections
4. Flooring plan,
5. ceiling plan
6. Details

Unit-IV: Presentation drawing

1. Plans
2. Detailed plans
3. Elevations
4. Sections
5. Details, Views
6. Model to be executed according to design proposal

Reference books

- By Joseph Dechiara , Julius Perero ,and Martin Zeluik ,*Times savers standards for Architectural Design Data,* M C Grawhill book company, New York , Chicago , London., Pg:1669.
- By Joseph Dechiara , Julius Perero ,and Martin Zeluik, *Times savers standards for Building Types,* M C Grawhill book company, New York, Chicago, London., Pg:995.
- Ernst and Peter Neufert, Neufert *Architects Data,* Wiley Blackwell, U.K, Pg: 175.