

SHIVAJI UNIVERSITY, KOLHAPUR

Syllabus for
Bachelor of Interior Design
(B.I.D.)

Second Year

June 2011 onwards

Second Year BID Semester – III

Sr. No.	Subject	Duration of Paper in hours	Paper Marks	Sessional Marks		Total Marks
				Internal	External	
1.	Graphics – III	3	100	25	--	125
2.	History of Interior –I	3	50	25	--	75
3.	Technical Skills- III	3	50	25	--	75
4.	Estimation & costing –I	3	50	25	--	75
5.	Interior Services – I	3	50	25	--	75
6.	Interior Design – III	--	--	60	40	100
7.	Computer- III	--	--	50	--	50
Total Marks of of Semester – III, S. Y. B.I.D.						575

Second Year BID Semester – IV

Sr. No.	Subject	Duration of Paper in hours	Paper Marks	Sessional Marks		Total Marks
				Internal	External	
1.	Graphics – IV	--	--	50	--	50
2	History of Interior – II	3	50	25	--	75
3.	Technical Skills- IV	3	50	25	--	75
4.	Estimation & costing –II	3	50	25	--	75
5.	Interior Services – II	3	50	25	--	75
6.	Interior Design – IV	18	100	60	40	200
7.	Computer- III	--	--	50	50	100
Total Marks of of Semester – IV, S. Y. B.I.D.						650
Total Marks of S. Y. B.I.D.						1225

Note :- Passing marks for examination papers will be 40% and for Sessional work the passing marks will be 50% of the total marks.

SECOND YEAR B. I. D.

Semester – III

1. GRAPHICS – III :

Lecture/ Studio hours : 6 periods per week
Total work hours per semester : $6 \times 15 = 90$ periods

Contents:-

- Perspectives & rendering - One pt. measuring pt., Three wall
- Two pt. measuring pt. - Two wall, Three wall
- Sciography – basic
- Free hand drawing –perspectives & rendering of One pt. three wall, Two pt. two wall, Two pt. three wall
- Plano metric view
- Drawing 2D – detailing of interior items – Single items.

Note - Assignment work shall be based on interior design - III.

2. INTERIOR DESIGN -III :

Lecture / studio : 10 periods per week
Total work hours per semester : $10 \times 15 = 150$ periods

Contents :

- 1) One full scheme of residential interior having maximum types of residential activities up to 3 bedroom units.
- 2) One time bound problem – any commercial interior, office, bank, showroom, shop, restaurant, fast food centre – area – 50 to 100 sq. mt.

3. TECHNICAL SKILLS – III :

Lecture / studio : 6 periods per week
Total work hours per semester : $6 \times 15 = 90$ periods

Contents :

- 1) Partitions – Single Skin, double skin, Traditional & innovative with composite materials.
- 2) False ceiling – In plaster of paris, other innovative materials, construction terminology & details.
- 3) Mezzanine construction & details.
- 4) Staircase – Innovative composite material staircase for interior materials & its application:-
Paints & Varnishes
Ceramic products, Thermal & sound insulation materials

Note - Assignment work shall be based on interior design - II.

4. HISTORY OF INTERIOR - I

Lecture / studio : 3 periods per week

Total work hours per semester : $3 \times 15 = 45$ periods

Contents :

Role of Historical study in Interior design

Furniture History

Significance of furniture

History of furniture - Indian
- Western

Note - Assignment work shall be as per the content above.

5. COMPUTER - III

Lecture / Studio : 4 hour

Total work hours per semester : $4 \times 15 \text{ weeks} = 60$ hours

Contents :

CAD and its advanced application

- Creating & organizing 2D drawings
- All 2D dimensional drgs commands
- All 2D edit commands
- Inquiry commands
- Settings for drawings
- Concept of layers & line types
- Dimension
- Text & fonts
- Output of drawings through printers & plotters

6. ESTIMATION AND COSTING - I

Lecture / Studio : 4 hour

Total work hours per semester : $4 \times 15 \text{ weeks} = 60$ hours

Estimate and estimating

1. Quantity aspect
 2. Quality aspect
- Types of estimate –Approximate, Detailed.
 - Principal of approximate methods of costing
 - Approximate methods of costing for various items

Rate analysis

- Prepare of rate analysis

- Factors affecting
- Importance of rate analysis
- Estimation of rate analysis
- Schedule of rates
- Methods of taking out the quantity
- Rate analysis for different I.D/ items
- General rates for measurements

Studio work

- Preparation of measurement rates and quantities of different materials

7. INTERIOR SERVICES - I

Lecture / Studio : 3 hour

Total work hours per semester : 3 X 15weeks = 45 hours

Contents :

Sanitation

- Sanitary fittings and fixing methods
- Different materials
- Different drainage system
- Disposal methods
- Sanitary Layout of different interior

Water supply

- Different material accessories and fittings
- Hot and cold material supply and its techniques
- Underground and overhead water tanks
- Water supply layout of different interior systems

Semester - IV (S.Y.B.I.D.)

1. GRAPHICS – IV :

Lecture/ Studio hours : 6 periods per week
Total work hours per semester : 6 X 15 = 90 periods

Contents:-

- Presentation drawing – 2D, plan & sections
- Detail drawings in – 2D of interior items
- Sectional view

Note - Assignment work shall be based on interior design – III & IV

2. INTERIOR DESIGN -IV :

Lecture / studio : 10 periods per week
Total work hours per semester : 10X15 = 150periods

Contents :

- 1) One commercial interior problem having area from 100 to 200 sq.mt.
- 2) One time band problem – having area 100 to 200 sq.mt. – commercial interior.

3. TECHNICAL SKILLS – IV:

Lecture / studio : 6 periods per week
Total work hours per semester : 6X15 = 90periods

Contents :

- 1) Paneling & Cladding :- Timber framed with building board paneling, Stone for paneling & cladding, Cladding with other innovative materials
- 2) Flooring – Wooden M.S, composite materials, Court & details
- 3) Doors – Rolling Shutters, Collapsible door, Sliding/folding/revolving/pivoted door, innovative door design
- 4) Modular furniture details.
- 5) Lifts and escalators
Materials & its - upholstery/ curtains / carpets
Innovative flooring types.
Plastic
Drapery & its fixing types / types of venation blinds
Glass

Note - Assignment work shall be based on interior design - III.

4. HISTORY OF INTERIOR - IV

Lecture / studio : 3 periods per week

Total work hours per semester : $3 \times 15 = 45$ periods

Contents :

Different styles in Interior design

1. Art
2. Art Deco.
3. Bauhaus functionalism
4. modernism
5. Post
6. Minimalism
7. Eclecticism
8. High tech & Hard edge style

Note - Assignment work shall be as per the content above.

5. COMPUTER - IV

Lecture / Studio : 4 hour

Total work hours per semester : $4 \times 15 \text{ weeks} = 60$ hours

Contents :

- 2 dimensional presentation drawings with other than CAD software's.
- CAD & 3 dimensional drawings, views.

Note - Assignment work shall be based on interior design - III.

6. ESTIMATION AND COSTING - II

Lecture / Studio : 4 hour

Total work hours per semester : $4 \times 15 \text{ weeks} = 60$ hours

Specification

- Objects of specifications
- Importance of specifications
- Types of specifications
 - Brief specification
 - Detailed specification
- Principals of specification costing
- Specification of different items
- Abstract of work.

Contract and contract documents.

- Tender, Types of tenders, Contract, Billing, certificates of payments, clerk of works.

Studio Work : Estimation of residential interior scheme, minimum one multi-itemed project

7. INTERIOR SERVICES - II

Lecture / Studio : 3 hour
Total work hours per semester : 3 X 15weeks = 45 hours

Contents :

Electrification

- Light, Lighting design, Light sources and fixtures
- Natural Light, Artificial Light
- Supply system – A.C./ D.C. current, single /three phase current.
- Wires, Cables. Types of wiring, Earthing.
- Generator / Battery backup system
- Graphical Symbols of Electrification & Electrical lay out
- Telephone, Data cabling, T.V. cabling.

Fire protection

- Definition
- Structural fire precaution
- Rules, fire resistance
- Fire fighting equipments detectors, alarms etc.
- Fire resisting and retarding materials
- Means of escapes

Note - Assignment work shall be based on interior design - IV