

PROPOSED

First Year Curriculum Structure for B.Voc.
Degree Programme in
Interior Design

([Dr Babasaheb Ambedkar Technological University, Lonere](#))

Semester I

| Sr. No. | Course Code | Name of the Course | Teaching scheme | | | Evaluation Scheme | | | Credits | Total Marks |
|--|-------------|---|--------------------|---|-----|-------------------|-----|-----|-----------|-------------|
| | | | L | T | S/P | IA | MSE | ESE | | |
| General Education | | | | | | | | | | |
| Theory | | | | | | | | | | |
| 1 | BVIDC101 | Interior Construction -1 | 3 | 0 | 2 | 25 | 0 | 25 | 3 | 50 |
| 2 | BVIDC102 | Interior Drawing and Graphics - 1 | 3 | 0 | 2 | 25 | 0 | 25 | 3 | 50 |
| 3 | BVIDC103 | Interior Materials & Products -1 | 3 | 0 | 0 | 25 | 0 | 25 | 3 | 50 |
| 4 | BVIDC104 | History of Furniture -1 | 3 | 0 | 0 | 25 | 0 | 25 | 3 | 50 |
| Total | | | | | | | | | 12 | 200 |
| Skill Components | | | | | | | | | | |
| Lab/Practical | | | | | | | | | | |
| 5 | BVIDL105 | Interior Design Studio - 1 | 0 | 0 | 5 | 25 | 0 | 25 | 1.5 | 50 |
| 6 | BVIDL106 | Basic Design Studio -1 | 0 | 0 | 4 | 25 | 0 | 25 | 1.5 | 50 |
| On-Job-Training (OJT)/Qualification Packs (Any One) | | | | | | | | | | |
| 7 | BVIDE117 | Design Supervisor - Wooden/modular Furniture FFS/Q0108 or Any Allied skill Sector Council Qualification Pack /Job role - NSQF level 5,6,7 | 200(Working Hours) | | | | | | 15 | 200 |
| Total | | | | | | | | | 18 | 300 |

Note : * As per the need of the subject (course content) numbers of contact hours are more.

Semester II

| Sr. No. | Course Code | Name of the Course | Teaching scheme | | | Evaluation Scheme | | | Credits | Total Marks |
|---|-------------|--|--------------------|---|---|-------------------|-----|-----|-----------|-------------|
| | | | L | T | P | IA | MSE | ESE | | |
| General Education | | | | | | | | | | |
| Theory | | | | | | | | | | |
| 1 | BVIDC201 | Interior Construction -2 | 3 | 0 | 2 | 25 | 0 | 25 | 3 | 50 |
| 2 | BVIDC202 | Interior Drawing and Graphics - 2 | 3 | 0 | 2 | 25 | 0 | 25 | 3 | 50 |
| 3 | BVIDC203 | Interior Materials & Products -2 | 3 | 0 | 0 | 25 | 0 | 25 | 3 | 50 |
| 4 | BVIDC204 | History of Furniture -2 | 3 | 0 | 0 | 25 | 0 | 25 | 3 | 50 |
| Total | | | | | | | | | 12 | 200 |
| Skill Components | | | | | | | | | | |
| Lab/Practical | | | | | | | | | | |
| 5 | BVIDL205 | Interior Design Studio -2 | 0 | 0 | 5 | 25 | 0 | 25 | 1.5 | 50 |
| 6 | BVIDL206 | Communication Design | 0 | 0 | 2 | 25 | 0 | 25 | 1.5 | 50 |
| On-Job-Training (OJT)/Qualification Packs (Any one more QP to be opted from the QPs mentioned in the semester I) | | | | | | | | | | |
| 7 | BVIDE217 | Supervisor Interior Designer FFS/Q9103 or Any Allied skill Sector Council Qualification Pack /Job role - NSQF level 5,6,7 | 200(Working Hours) | | | | | | 15 | 200 |
| Total | | | | | | | | | 18 | 300 |

Note : * As per the need of the subject (course content) numbers of contact hours are more.

Semester

I

Syllabus

| Subject Name: Interior Construction -1 | | |
|--|--|--------------|
| Course Code : BVIDC101 | Semester: I | |
| Weekly Teaching Hours: TH: 03 ST: 02 | Scheme of Marking TH: 25 IA: 25 Total: 50 | |
| TH Exam Duration: 01 Hours | Scheme of Marking PR: -- | |
| Credit :03 | | |
| Objective: To introduce basic materials used in construction, basic components of a building and method of construction and representation of the same. | | |
| Content | | Hours |
| Unit – I | Building components: | 10 |
| | Building Terminology, Building components, its characteristics and behavior. Relationship between building components& building material. | |
| Unit – II | Walling Systems: | 10 |
| | Brick walls for interior division of spaces and other uses (half brick and one brick thickness). Light weight concrete blocks, hollow blocks, aerated concrete blocks. | |
| Unit – III | Joinery: | 10 |
| | Introduction to joinery and joints, limitations and applications. | |
| Unit – IV | Openings: | 15 |
| | Doors, windows, ventilators with focus on different modes of operation and their jamb linings. Types of Lintels and Arches based on structure and materials. Structural glazing | |
| Unit – V | Doors and Windows: | 15 |
| | Types based on mode of operation, material and positioning. | |

| Reference/Text Books | | |
|------------------------------|---|----------------------|
| Name of Authors | Title of the Book | Publisher |
| Bindra, S.P. and Arora, S.P. | Building Construction: Planning Techniques and methods of Construction, | Dhanpat Rai Pub., |
| Moxley, R. Mitchell" s | Elementary Building Construction, | Technical Press Ltd. |
| Rangwala, S.C. | Building Construction | Charota Pub. House |
| Sushil Kumar. | T.B. of Building Construction | Standard Pub. Delhi |

| Name of the Subject : Interior Drawing and Graphics - 1 | | |
|--|---|--------------|
| Course Code : BVIDC102 | Semester: I | |
| Weekly Teaching Hours: TH: 03 ST: 02 | Scheme of Marking TH: 25 IA: 25 Total: 50 | |
| TH Exam Duration: 01 Hours | Scheme of Marking PR: -- | |
| Credit :03 | | |
| Objective: To introduce students to technical drawing methods and equipment , language of graphics i.e. vocabulary and grammar enabling students to express simple three dimensional objects by developing their skill for communicating graphically objects so as to later adopt the same for depicting buildings and building components. | | |
| Content | | Hours |
| Unit – I | Familiarization of equipment and recapitulation: Ability to handle and use various drawing instruments and media for technical drawing and sketching. Introduction to graphic language and its components viz. Line types; meaning and application, lettering , use of various metric scales, conventions ,standard annotations and format .Principles of plane geometry and geometrical constructions .systems of measurement MKS and FPS. | 10 |
| Unit – II | Understanding scales: study of scales, their use in practice and construction of plain and diagonal scale. Concept of enlargement and reduction of objects. | 10 |
| Unit – III | Introduction to orthographic projections : The concept of representing objects and elements of drawing such as point , line , planes and simple regular geometric forms / 3 dimensional objects as plan/s section/s and elevation/ learning the basics of drawing orthographic projections for simple combinations of point , line , planes and solids primarily as first angle projections and or third angle projections. | 10 |
| Unit – IV | Orthographic projections: Drawing Orthographic Projections of simple and complex solids based on geometrical constructions , either single or in combinations. | 10 |
| Unit – V | Understanding and drawing views: learning the basics of drawing isometric views and Axonometric projections for representing various simple and complex geometrical shapes and forms and rendering the same to understand materials . | 10 |
| Unit – VI | Development of Surfaces :Introduction to development of surfaces and its uses Methods of development of surfaces. Development of lateral surfaces of simple solids as cube, cone, pyramids and prism. Development of complex solids, when two or more simple solids are joined together. | 10 |

| Reference/Text Books | | |
|-----------------------------|---|-------------------------------|
| Name of Authors | Title of the Book | Publisher |
| Ching Francis D.K. | Architectural Graphics | Cbs Publishers & Distributors |
| Leslie Martin | Architectural Graphics | MACMILLAN |
| Jolhe D A | Engineering Graphics | Tata McGraw Hill , New Delhi |
| Bhat N D | Elementary Engineering Drawing-Plane and Solid Geometry | Chartotar Publishing House |

| Subject Name: Interior Materials & Products -1 | | |
|--|---|--|
| Course Code :BVIDC103 | | Semester: I |
| Weekly Teaching Hours: TH: 03 Tut: 00 | | Scheme of Marking TH: 25 IA: 25 Total: 50 |
| TH Exam Duration: 01 Hours | | Scheme of Marking PR: -- |
| Credit :3 | | |
| Objective: To give an overview of the basic materials those are used in Interior and Architecture with reference to the material properties, feasibility, availability, durability and sustenance to climatic conditions. | | |
| Contents | | Hours |
| Unit – I | Materials - Clay, brick, stone their physical and behavioral properties, process of manufacture, tools and techniques of application to built form and interiors. | 06 |
| Unit – II | Material – Sand, cement, aggregate, mortar, concrete. Process of manufacture, in situ reinforced cement concrete construction, physical and behavioral properties, application in built forms and interiors. | 06 |
| Unit – III | Cane and bamboo, tools and techniques of joinery, application to built forms and interiors. | 06 |
| Unit –IV | Timber: classification of trees, characteristics of good timber, defects in timber, seasoning of timber, uses in building construction and interiors. Commercial forms of wood-plywood, block board, particle board and other products available in the market | 06 |
| Unit – V | Laminates: Properties and application of all types of plastic laminates. Manufacturing process and preservation and maintenance of laminates. Types of Laminates etc. | 06 |
| Unit – VI | Metal : The application of various metals in interiors and various finishing options like electroplating, enameling, buffing, etc. Metals such as Cast iron, Wrought Iron, Steel, Mild Steel, Stainless Steel, Aluminium, Brass, Copper, Zinc, Lead Alloys, Bronze. | 06 |
| For all the above mentioned materials a basic understanding of the market research and current trend analysis will be cumulated through Market Research and Presentations by students there upon. | | |

| Reference/Text Books | | |
|------------------------------|---|--------------------------------------|
| Name of Authors | Title of the Book | Publisher |
| Bindra, S.P. and Arora, S.P. | Building Construction: Planning Techniques and methods of Construction, | Dhanpat Rai Pub., |
| Moxley, R. Mitchell" s | Elementary Building Construction, | Technical Press Ltd. |
| Rangwala, S.C. | Building Construction: Materials and types of Construction | John Wiley and Sons, Inc., New York, |
| Sushil Kumar. | T.B. of Building Construction | Standard Pub. Delhi |
| Chowdary, K.P. | Engineering Materials used in India | Oxford and IBH, New Delhi |

| | |
|--|--|
| Subject Name: History of Furniture -1 | |
| Course Code :BVIDC104 | Semester: I |
| Weekly Teaching Hours: TH: 03 Tut: 00 | Scheme of Marking TH: 25 IA: 25 Total: 50 |
| TH Exam Duration: 01 Hours | Scheme of Marking PR: -- |
| Credit:3 | |
| Objective :To create awareness of History as an aid to design process | |

| Content | | Hours |
|-------------------|--|--------------|
| Unit – I | Introduction to furniture history. Evolution of furniture over a period based on climate, social factors, life style, technical and stylistic development availability of materials and various movements in design. Introduction to furniture terminology based on methods of joinery techniques such as parquetry, marquetry gilding, turning, pierced and chip carving, ormolu mounts. | 06 |
| Unit – II | Ancient civilization, art, architecture of Egypt. Furniture preserved in ancient pyramids. Ancient classical orders developed by them and various methods to overcome optical illusion. Furniture developed by Greeks and Romans by 3 rd century A.D. | 06 |
| Unit – III | Medieval era in Europe, utilitarian furniture developed from Romanesque till Gothic times. Gothic cathedrals preserving art, manuscripts, furniture, paintings, sculptures, stain glass. Beginning of Renaissance-second golden era in Europe, age of discovery. Renaissance furniture of Italy and France. | 06 |
| Unit – IV | Baroque and Rococo furniture of 17 th century Europe. Neoclassical and Regency period in history of furniture-18 th century Prominent names in the field of Architecture, sculptures, paintings international and Indian | 06 |
| Unit – V | Study of architectural elements in interiors in India from Mughal period onwards such as doors, windows, pillars, columns, staircases, fireplaces, paneling, dado, frieze, architectural decoration, study sketches and creative designs. | 06 |
| Unit – VI | Architectural characteristics of Buddhist, Hindu and Muslim with special emphasis on decoration, ornaments. Chinese and Japanese interior and furniture. | 06 |

Reference/Text Books

| Name of Authors | Title of the Book | Publisher |
|------------------------|---|--------------------------|
| Joseph Aronson | The Encyclopedia of Furniture: Third Edition | Potter Style; |
| Bradley Quinn | Mid-Century Modern: Interiors, Furniture, Design Details | Conran Octopus Interiors |
| Jim Postell | Furniture Design | Wiley publishers |
| Edward Lucie-Smith | Furniture: A Concise History (World of Art) | Thames and Hudson |
| Robbie. G. Blakemore | History of Interior Design and Furniture: From Ancient Egypt to Nineteenth-Century Europe | Wiley publishers |
| John.F. Pile | Interior Design, 2nd edition, illustrated | H.N.Abrams |

Lab/ Practical- Interior Design Studio - 1

| | |
|--|--|
| Course Code :BVIDL105 | Semester:I |
| Weekly Practicals: ST: 05 Tut: 00 | Scheme of Marking TH: -- |
| TH Exam Duration:-- | Scheme of Marking PR: 25, IA: 25, Total: 50 |
| Credit: 1.5 | |

Content

Objective

In this semester the learner is expected to apply the basic design acumen and anthropometric observations in the designing of Residential interior spaces such as Individual rooms (Living/ Dining not less than 25.00 Sq.mts & Kitchen not less than 12.00 Sq.mts.) of an apartment and are expected to present the study through detailed measured drawings and sketches.

All specified areas are Carpet Areas.

Contents

- Introduction to parameters of design, anthropometrics and ergonomics, human activity and use of interior spaces and furniture.
- Analysis of design to perceive elements which define the character of the environment.
- Analysis of design process.
- Concept formation for design.

Evaluation

Continuous assessment of sessional work in form of sketches, scaled drawings, study models in various materials, case studies, visit reports, power point presentations etc.

Design portfolio should consist of Project Brief, Client profile, Measurement Plan, Furniture Layout Plan/ Flooring Layout/ Sectional Elevations.

References:

1. Ahmed Kasu, Interior Design, TWAINE Pub. Bombay
2. Sudhir Diwan, Sanskruti a manual of Interior Design Vol-1, Interior Affairs, Mumbai
3. Karlen Mark, Space planning Basics, Van Nostrand Reinhold, New York, 1992.
4. Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.
5. Francis.D. Ching & Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004.
6. Julius Panero & Martin Zelnick, Human Dimension & Interior Space : A source book of Design Reference standards, Watson – Guptill, 1979. Karlen
7. Barner, R.M., (1980), Motion and Time Study, Design and Measurement of work, John Wiley, New York.
8. Borgert, E. (1982) Housecraft – Principles and Practices, Issac Pitman, London.
9. Chaffin, D.B. and Andersson, G.B.J. (1984) Occupational Biomechanics, John Wiley, New York.
10. Cromwell, L. Weibell, F.J. and Pfeiffer, E.A. (1991) Biomedical Instrumentation and
11. Measurements, Prentice Hall, New Delhi
12. Pranav Bhatt „Fundamentals of Art and Design“

Lab/ Practical- Basic Design Studio -1

| | |
|--|--|
| Course Code :BVIDL106 | Semester:I |
| Weekly Practicals: ST: 04 Tut: 00 | Scheme of Marking TH: -- |
| TH Exam Duration:-- | Scheme of Marking PR: 25, IA: 25, Total: 50 |
| Credit: 1.5 | |

Content

Objective :

- Basic design defines the base of design aspects, in terms of design elements and principles that are generically applicable to any design stream including interior design.
- The subject aims at developing observational and creative skills that would enhance the visual perception of students and evolve aesthetic sensitivity.

Content :

The course content would be developed by individual colleges in accordance with their time frames. The scheme would include visual studies primarily applicable to graphic, product, furniture design, art and architecture etc., with special emphasis on study of forms, colours, light, textures, and similar visual elements.

Evaluation :

Continuous assessment of sessional work may consist of sketches, drawings, study models in various materials, journals, visit reports, power point presentations etc.

References:

1. Ching, Francis D.K. Architecture Form, space, and Order, 2nd ed. Van Nostrand Reinhold, New York, 1996.
2. Hanks, A.David. Decorative Designs of Frank Lloyd Wright, Dover Publications, Inc. New York, 1999.
3. Helper, E.Donald, Wallach, I.Paul. Architecture Drafting and Design, 3rd ed. McGraw-Hill Book Company, New York, 1977.
4. John.F. Pile, Color in Interior Design, Mc-Graw Hill professional, 1st edition, 1997
5. Johannes Itten, The Art of color, John Wiley & Sons; Revised edition, 1997
6. Jonathan Pore, Interior Color by Design, Volume 2: A design tool for Home owners, Designers and Architects, Rockport publishers, 2005.
7. Ethel Rompilla, Color for Interior Design, Harry N. Abrams, 2005.
8. Itten, Johannes. Design and Form: The basic course at the Bauhaus, Thames and Hudson Ltd., London 1997.
9. Krier, Rob. Architectural Composition, Academy Editions, London, 1988.
10. Meiss, pierre Von. Elements of Architecture: Form to place, E and FN Spon, London, 1992.
11. Pipes, Alan. Drawing for 3-Dimensional Design. Thames and Hudson Ltd., London, 1990.
12. Smithies, K.W. Principles of Design in Architecture. Chapman and Hall, 1983.
13. Wucius, Wong. Principles of two Dimensional Design. Van Nostrand Reinhold 1972.

Semester I - On-Job-Training (OJT)/Qualification Packs (Any One)

| | |
|---|--|
| Subject Name: Design Supervisor -Wooden/modular Furniture FFS/Q0108 or Any Allied Skill Sector Council Qualification Pack /Job role - NSQF level 5,6,7 | |
| Course Code : BVIDE117 | Semester: I |
| Weekly Skilling Hours: PR: 24 Tut: 00 | Scheme of Marking TH: 00, IA: 00, Total: 00 |
| PR Exam Duration: -06 Hrs. | Scheme of Marking PR: 200, IA: 00, Total: 200 |
| Credit: 15 | |
| Syllabus as approved by Skill Sector Council http://ffsc.in/wp-content/uploads/2020/06/FFS_Q0108_v1.0.pdf | |

***Skill Practical assessment will be done rules/ procedure of respective Skill Sector Council of India.**

Semester
II
Syllabus

| Subject Name: Interior Construction -2 | | |
|--|--|--|
| Course Code : BVIDC201 | | Semester: II |
| Weekly Teaching Hours: TH: 03 ST: 02 | | Scheme of Marking TH: 25 IA: 25 Total: 50 |
| TH Exam Duration: 01 Hours | | Scheme of Marking PR: -- |
| Credit :03 | | Semester: I |
| Objective: To equip the learner with various systems of partitioning and paneling with appropriate means of construction, assembly and joinery through detailed working drawing and to make student aware of future trends in furniture design. | | |
| Content | | Hours |
| Unit – I | | 10 |
| | Partition Systems: Wooden framed fixed partition with single/double skin, Aluminium framed Partition, Dry wall partition systems, Full glass partition with architectural hardware. | |
| Unit – II | | 10 |
| | Wall Cladding and Paneling: Wet and Dry wall cladding in different materials, Wall paneling in different materials. | |
| Unit –III | | 10 |
| | Modular furnitures: Introduction to modular furniture, analyzing the need and criteria for selection, materials used and constructional details. | |
| Unit – IV | | 15 |
| | Modular Kitchens: Basics of kitchen furniture. Kitchen triangle. Details of construction of modular kitchen . joinery details etc. | |
| Unit – V | | 15 |
| | Modular Residential and commercial furniture units, details and manufacturing etc. | |

| Reference/Text Books | | |
|------------------------------|---|--------------------------------------|
| Name of Authors | Title of the Book | Publisher |
| Bindra, S.P. and Arora, S.P. | Building Construction: Planning Techniques and methods of Construction, | Dhanpat Rai Pub., |
| Moxley, R. Mitchell" s | Elementary Building Construction, | Technical Press Ltd. |
| Rangwala, S.C. | Building Construction: Materials and types of Construction | John Wiley and Sons, Inc., New York, |
| Sushil Kumar. | T.B. of Building Construction | Standard Pub. Delhi |
| Chowdary, K.P. | Engineering Materials used in India | Oxford and IBH, New Delhi |
| Francis D. Ching | Building Construction Illustrated | Wiley publishers, 2008 |
| Rangwala, S.C. | Building Construction: Materials and types of Construction, 3rd ed. | John Wiley and Sons, Inc., New York |

| | |
|--|--|
| Name of the Subject : Interior Drawing and Graphics - 2 | |
| Course Code : BVIDC202 | Semester: II |
| Weekly Teaching Hours: TH: 03 ST: 02 | Scheme of Marking TH: 25 IA: 25 Total: 50 |
| TH Exam Duration: 01 Hours | Scheme of Marking PR: -- |
| Credit :03 | |
| Objective: To understand and practice the application of the various techniques of perspective, sciography, CAD and advanced presentations in Architectural Design. | |

| Content | | Hours |
|-------------------|--|--------------|
| Unit – I | Views : 3D representation of Solids, Isometric views, Axonometric Views Oblique Views | 10 |
| Unit – II | Perspective Drawing: The topic of perspective drawing will consist of drawing exercises on: <ul style="list-style-type: none"> • Understanding the application of principles of perspective drawing. • Drawing perspective views by one point and two point perspective methods. • Perspective by measuring point method. • Perspective views of interior designs by projection / measuring point method. | 10 |
| Unit – III | Sciography: The topic of sciography drawing will consists of drawing exercises on <ul style="list-style-type: none"> • Principles of shades and shadows. • Drawing shades and shadows of lines, planes, solids and architectural features in plan, elevations and isometric view • Shades and shadows of typical building on plan, elevation and perspective. | 15 |
| Unit – IV | Rendering Techniques for perspectives, Rendering using various mediums such as Pen and Ink, Water colour, Poster Colour, Pencil Colour, Crayons | 15 |
| Unit – V | Presentation Drawings: Complete presentation drawings of architectural design project with plans, elevations, sections and perspective views of building by any method of drawing perspectives showing landscape, human figures, accessories and street furniture etc. | 10 |

| Reference/Text Books | | |
|-----------------------------|---|-------------------------------|
| Name of Authors | Title of the Book | Publisher |
| Ching Francis D.K. | Architectural Graphics | Cbs Publishers & Distributors |
| Leslie Martin | Architectural Graphics | MACMILLAN |
| Jolhe D A | Engineering Graphics | Tata McGraw Hill , New Delhi |
| Bhat N D | Elementary Engineering Drawing-Plane and Solid Geometry | Chartotar Publishing House |
| Gill Robert | Rendering with pen and ink | Thames and Hudson |
| JaxThemier, B.W., | “How to Paint and Draw” | Thames and Hudson, |

| Subject Name: Interior Materials & Products -2 | | |
|---|---|--|
| Course Code :BVIDC203 | | Semester: II |
| Weekly Teaching Hours: TH: 03 Tut: 00 | | Scheme of Marking TH: 25 IA: 25 Total: 50 |
| TH Exam Duration: 01 Hours | | Scheme of Marking PR: -- |
| Credit :3 | | |
| Objective: To give an in-depth knowledge and understanding of the materials that are used in Interior and Architecture with reference to the material properties, feasibility, availability, durability and sustenance to climatic conditions and also the aesthetic value it will add with its use. | | |
| Content | | Hours |
| Unit – I | Basic Building components: Elementary knowledge of different components.Study of constituents, properties and uses of different building materials | 06 |
| Unit – II | STONES: Various types, their properties and uses in interior of various types such as offices, residences, restaurants, shops, etc. BRICKS/TILES : Qualities of various buildings, types of bricks and their uses in various types of interiors. Clay products- tiles, terracota, ceramics - uses and application. | 08 |
| Unit –III | DECORATIVE TILES : Various types - ceramic, glazed, vinyl tiles, their Properties and use. | 04 |
| Unit –IV | PLASTERS : Different types of plaster finishes - neeru, sand, faced, rough cast, pebble - dash, gypsum their defects & repairs, various mixes used in plaster curing and finishing of plaster, Mud plaster, ingredients, advantages and disadvantages of special materials used in Plastering, Plaster of Paris, barium, gypsum, etc. | 06 |
| Unit – V | Glass: Types and Manufacturing of glasses.Treatments on glass.Glass in building industry. Interior use of glass. Properties, sizes, design, price and availability of : Sheet, Plate, Wired, Laminated, Safety, insulating, coloured, tinted, heat resistant and glass blocks. | 06 |
| Unit –VI | THERMAL ACOUSTIC MATERIALS : Study of different types of materials used for sound proofing. Properties and use of the following : Polyurethane products such as low density and high density, fiber glasses. | 06 |

| Reference/Text Books | | |
|------------------------------|---|--------------------------------------|
| Name of Authors | Title of the Book | Publisher |
| Bindra, S.P. and Arora, S.P. | Building Construction: Planning Techniques and methods of Construction, | Dhanpat Rai Pub., |
| Moxley, R. Mitchell" s | Elementary Building Construction, | Technical Press Ltd. |
| Rangwala, S.C. | Building Construction: Materials and types of Construction | John Wiley and Sons, Inc., New York, |
| Sushil Kumar. | T.B. of Building Construction | Standard Pub. Delhi |
| Chowdary, K.P. | Engineering Materials used in India | Oxford and IBH, New Delhi |

| | |
|--|--|
| Subject Name : History of Furniture -2 | |
| Course Code :BVIDC204 | Semester: II |
| Weekly Teaching Hours: TH: 03 Tut: 00 | Scheme of Marking TH: 25 IA: 25 Total: 50 |
| TH Exam Duration: 01 Hours | Scheme of Marking PR: -- |
| Credit : 3 | |
| Objective :To create awareness of History as an aid to design process | |

| Content | | Hours |
|-------------------|---|--------------|
| Unit – I | English furniture from 16 th to 18 th century. Tudor, Stuart, Jacobean, Restoration period, Queen Ann period, Gregorian period, Chippendale, Sheraton. | 06 |
| Unit – II | Beginning of 19 th century industrialization. Victorian Era in England, Art and Craft movement in design. | 06 |
| Unit – III | Art Nouveau movement in art and furniture. Art movements before and after world wars. Cubism of Picasso, De-stijl movement. | 06 |
| Unit – IV | Bauhaus school of Design and its impact on modern design. Art Deco movement. | 06 |
| Unit – V | Oriental furniture and how it is different from western counterparts. Furniture of Japan and China. Indian furniture, traditional and colonial. | 06 |
| Unit – VI | Modern furniture and ornamentation Furniture Design by architect FLW, Li Corbusier, Mies, Alver, Alto, Chals Eames, Marchel Breur. Modern Furniture (1900 on wards), Modular, Steel & Glass | 06 |

| Reference/Text Books | | |
|--|---|--|
| Name of Authors | Title of the Book | Publisher |
| John F. Pile | A history of interior design, 2nd edition | Laurence King Publishing, |
| Jeannie Ireland | History of Interior Design | air child publications, illustrated ed., |
| Elaine, Michael Dywer, Christopher Mackinnon, Norman A. J. Berisford Denby | A History of Interior Design | Rhodec International |
| Giedion Sigfried | Space, Time and Architecture: The growth of a new tradition, 4th ed. | Harvard University Press, Cambridge, |
| Tadgell Cristopher | The History of Architecture in India: From the dawn of civilization to the End of the Raj , | Om Book Service, New Delhi |
| Rowl Benjamin | Art and Architecture of India. | Puffin |

Lab/ Practical- Interior Design Studio - 2

| | |
|--|--|
| Course Code :BVIDL205 | Semester:I |
| Weekly Practicals: ST: 05 Tut: 00 | Scheme of Marking TH: -- |
| TH Exam Duration:-- | Scheme of Marking PR: 25, IA: 25, Total: 50 |
| Credit: 1.5 | |
| Content | |

Objective :

In this semester the learner is expected to enhance their skills by application of design concept and/or theme to residential interior space and small retail space by understanding the usage of basic materials and construction.

Contents :

- Designing a medium size residential spaces (Master Bedroom not less than 18.00 sq.mts with Attached Toilet not less than 5.00 sq.mts & Childrens Bedroom not less than 18.00sq.mts).
- Study and application of anthropometry, ergonomics, design principles and components related to retail spaces. The design exercise may include small retail spaces such as Garment Boutique, mobile stores, Accessories store, small Café etc. (not exceeding 30.00 sq.mts.)
- All specified areas are Carpet Areas.

Evaluation :

Continuous assessment of sessional work may consist of sketches, scaled drawingsstudy models in various materials, case studies, visit reports, power point presentations etc. Design portfolio should consist of Project Brief, Client profile, Theme Sheet, Measurement Plan/, Furniture Layout Plan/ Flooring Layout/ Reflected Ceiling Layout/ Basic Electrical Layout, Sectional Elevations.

References:

1. Karlen Mark, Space planning Basics, Van Nostrand Reinhold, New York, 1992.
2. Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.
3. Francis.D. Ching & Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004.
4. Julius Panero & Martin Zelnick, Human Dimension & Interior Space : A source book of Design Reference standards, Watson – Guptill, 1979.
5. Karlen Mark, Kate Ruggeri & Peter Hahn, Space Planning Basics, Wiley publishers, 2003.

Lab/ Practical- Communication Skill

| | |
|--|--|
| Course Code :BVIDL206 | Semester:II |
| Weekly Practicals: ST: 02 Tut: 00 | Scheme of Marking TH: -- |
| TH Exam Duration:-- | Scheme of Marking PR: 25, IA: 25, Total: 50 |
| Credit: 1.5 | |

Content

Objective :

To enhance verbal and non verbal communication skills of students with an intension to improve the skills of reading and writing, language and conversational ability in various mediums such as presentation (written - graphics and audio) face to face etc. To enable the student to ultimately explain / defend his/her design to single person or panel.

Contents :

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| <ul style="list-style-type: none">• Interpersonal skills• Analytical writing skills• Business writing skills• Technical writing skills• Personal grooming and confidence building• Debates, Skits, Group discussions | <ul style="list-style-type: none">• Voice culture, vocalic and body language• Analysis and describe interior work carried out any professional designer.• Preparing and presenting verbal explanation on his own design and concept.• Review of design related articles.• Debates, discussions |
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Evaluation :

Continuous assessment of sessional work may consist of evaluation of individual's writing and presentation skills, project work, power point presentations etc.

Reference Books:

1. K K Nelson, F Dubors, Learning to learn, Allyn & Bacon
2. E. H. McGrath, Basic Managerial Skills for all, Prentice hall of India
3. P D Kulkarni & B B Sharma, Independent Study Techniques, TTTI, Chandigarh
4. Elizabeth Hierney, 101 Ways to Better Communication, Kogan Page
5. Malvika Nagarkar, Communication Skills, MSBTE
6. Wren & Martin, English Grammar, Chand Books
7. Burgoon Michael, Human Communication, London: Sage Pub.
8. G Leech & Jan Svartvik, A Communicative grammar of English, ELBS
9. R K Bansal & J B Harrison, Spoken English for India, New York: Mcgraw Hill
10. J D O'Conner, Better English Pronunciation, N Delhi: Orient Longman
11. Technical Communication : A Reader Centered Approach, by Anderson, Thomson Learning
12. Geetha Jajivan, Kiranmai: Course in listening and speaking Skills part I, Foundation Books Pvt Ltd.
13. Lorven: Enrich your communication in English

Web Sites:

www.mindtools.com
www.samcerto.com
www.stress.org.uk
www.coopcomm.org/workbook.com
www.mapnp.org/lib/grpskll/theory.htm

Semester II - On-Job-Training (OJT)/Qualification Packs (Any One)

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| Subject Name: Supervisor Interior Designer FFS/Q9103 or Any Allied skill Sector Council Qualification Pack/Job role - NSQF level 5, 6, 7 | |
| Course Code : BVIDE217 | Semester: II |
| Weekly Skilling Hours: PR: 24 Tut: 00 | Scheme of Marking TH: 00 , IA: 00 , Total: 00 |
| PR Exam Duration: - 6 Hrs | Scheme of Marking PR: 200 , IA: 00 , Total: 200 |
| Credit: 9 | |
| Syllabus as approved by Skill Sector Council http://ffsc.in/wp-content/uploads/2020/06/FFS_Q9103_v1.0.pdf | |

***Skill Practical assessment will be done rules/ procedure of respective Skill Sector Council of India.**