



RAIPUR | INDIA

# KALINGA UNIVERSITY

## SCHEME & SYLLABUS FOR

# Bachelor of Vocational Studies (B. Voc.) Interior Designing



Kalinga University, Naya Raipur, Chhattisgarh

# B.VOC IN INTERIOR DESIGN

Semester-I					
Code No.	Paper	Credits	Internal Marks	End Semester Exam	Total Marks
BVID101	Fundamentals of Information Technology	3	30	70	100
BVID102	History of Interior Design	3	30	70	100
BVID103	Fundamentals of Interior Graphics	3	30	70	100
BVID104	Furniture Design-I	3	30	70	100
BVID105	Basic Design Source	3	30	70	100
BVID106	Furnishings & Fittings	3	30	70	100
BVID107P	Fundamental of Information Technology-Lab	1	20	30	50
BVID108P	Project-I Wall Art and wall Textures	11	50	100	150
	<b>Total</b>	<b>30</b>	<b>250</b>	<b>550</b>	<b>800</b>

Semester-II					
Code No.	Paper	Credits	Internal Marks	End Semester Exam	Total Marks
BVID201	Communication Skills	3	30	70	100
BVID202	History of Interior Furniture-I	4	30	70	100
BVID203	Interior Construction & Structures-I	3	30	70	100
BVID204	Interior Graphics-I	4	30	70	100
BVID205	Furniture Design-II	4	30	70	100
BVID206P	Project-II Model Making Of Door And Window, Arches, Brick Bonds.	12	50	100	150
	<b>Total</b>	<b>30</b>	<b>200</b>	<b>450</b>	<b>650</b>

Semester-III					
Code No	Paper	Credits	Internal Marks	End Semester Exam	Total Marks
BVID301	Writing And Presentation Skills in English	3	30	70	100
BVID302	Interior Services-I	3	30	70	100
BVID303	Interior Construction & Structures-II	3	30	70	100
BVID304	Auto CAD	2	30	70	100
BVID305	Interior Design & Landscape-I	3	30	70	100
BVID306	Furniture Design-Iii	3	30	70	100
BVID307P	PROJECT-III- Model Making of Window With Wall, Historical Furniture Miniature	12	50	100	150
	<b>Total</b>	<b>29</b>	<b>230</b>	<b>520</b>	<b>750</b>

Semester-IV					
Code No	Paper	Cred-its	Internal Marks	End Semester Exam	Total Marks
BVID401	Display Design	3	30	70	100
BVID402	Interior Services-II	3	30	70	100
BVID403	Auto Cad-II	2	30	70	100
BVID404	Soft Skills and Personality Development with Communication Skills	3	30	70	100
BVID405	Interior Construction-I	3	30	70	100
BVID406	Interior Design & Landscape-II	2	20	30	50
BVID407	Furniture Design-IV	3	30	70	100
BVID408P	Project-IV Residential Model Making	12	50	100	150
	<b>Total</b>	<b>32</b>	<b>250</b>	<b>550</b>	<b>800</b>



Semester-V					
Code No	Paper	Credits	Internal Mark	End Semester Exam	Total Marks
BVID501	Legal Ethics & Profession Practice	3	30	70	100
BVID502	Product Design-I	3	30	70	100
BVID503	Environmental Science	3	30	70	100
BVID504	Interior Budgeting & Estimation	3	30	70	100
BVID505	Visual Merchandising-I	3	20	30	50
BVID506	Interior Construction-II	3	30	70	100
BVID507	Interior Design-I	2	20	30	50
BVID508P	Project-V Bamboo, Wood, Product Workshop	12	50	100	150
	<b>Total</b>	<b>31</b>	<b>240</b>	<b>510</b>	<b>750</b>

Semester-VI					
Code No	Paper	Credits	Internal Mark	End Semester Exam	Total Marks
BVID601	Entrepreneurship & Project Management	3	30	70	100
BVID602	Product Design-II	3	30	70	100
BVID603	Visual Merchandising-II	2	20	30	50
BVID604	Interior Design-II	2	20	30	50
BVID605P	Interior Project (Major Project)	6	30	70	100
BVID606P	On-Job-Training (OJT) Training 400 Hrs / 8 Weeks	12	50	100	150
	<b>Total</b>	<b>28</b>	<b>180</b>	<b>370</b>	<b>550</b>



# FUNDAMENTALS OF INFORMATION TECHNOLOGY

## BVID101

### Unit-I

**Computer characteristics:** Speed, storage, accuracy, diligence; Digital signals, Binary System, ASCII; Historic Evolution of Computers; Classification of computers: Microcomputer, Minicomputer, mainframes, Supercomputers; Personal computers: Desktop, Laptops, Palmtop, Tablet; Hardware & Software; Von Neumann model.

### Unit-II

**Hardware:** CPU, Memory, Input devices, output devices. Memory units: RAM (SDRAM, DDR RAM, RDRAM etc. feature wise comparison only); ROM-different types: Flash memory; Auxiliary storage: Magnetic devices, Optical Devices; Floppy, Hard disk, Memory stick, CD, DVD, CD/DVD-Writer; Input devices - keyboard, mouse, scanner, speech input devices, digital camera, Touch screen Voice Input, Joystick, Optical readers, bar code reader; Output devices: Display device, size and resolution; CRT, LCD, LED; Printers: Dot-matrix, Inkjet, Laser; Plotters, Sound cards & speaker.

### Unit-III

**Software:** System software, Application software; concepts of files and folders, Introduction to Operating systems, Different types of operating systems: single user, multitasking, time-sharing multi-user; Booting, POST; Basic features of two GUI operating systems: Windows & Linux (Basic desk top management); Programming Languages, Compiler, Interpreter, Databases; Application software: Generic Features of Word processors, Spread sheets and Presentation software; Generic Introduction to Latex for scientific typesetting; Utilities and their use; Computer Viruses & Protection, Free software, open source.

### Unit-IV

**Computer Networks and Internet:** Connecting computers, Requirements for a network: Server, Workstation, switch, router, network operating systems; Internet: brief history, World Wide Web, Websites, URL, browsers, search engines, search tips; Internet connections: ISP, Dial-up, cable modem, WLL, DSL, leased line Wireless and Wi-Fi connectivity ; email, email software features (send receive,

filter, attach, forward, copy, blind copy); characteristics of web-based systems, Web pages, Web Programming Languages.

## **Unit-V**

**Information Technology And Society:** Indian IT Act, Intellectual Property Rights, issues. Application of information Technology in Railways, Airlines, Banking, Insurance, Inventory Control, Financial systems, Hotel management, Education, Video games, Telephone exchanges, Mobile phones, Information kiosks, special effects in Movies.

**Programming Concepts & Techniques:** Program Concept, Characteristics of Programme, Stages in Program Development, Tips for Program Designing, Programming Aids, Algorithms, Pseudo code, Notations, Design, Flowcharts, Symbols, Rules, compiler & Interpreter. Introduction to programming techniques, Top-down & Bottom-up approach, Unstructured, & Modular programming, Cohesion, Coupling, Debugging, Syntax & Logical Errors, Linking and Loading, Testing and Debugging, Documentation.

### **Reference Books:**

1. Programming in C, R.S. Salaria, Khanna Publishing House
2. Computer Concepts and Programming in C, R.S. Salaria, Khanna Publishing House
3. Handbook of Computer Fundamentals, N.S. Gill, Khanna Publishing House

# SEMESTER-I

## HISTORY OF INTERIOR DESIGN

### BVID102

#### Objective:

- To Help The Student Understand The Modern Movement in Design in The Later Part Of The 20th century.
- To Make The Students Understand The Traditional Styles Of Decoration Done in Various States Of India.
- To understand the Global History and Its Applications in Design
- To Appreciate Technology Of The Ancient Times And To Relate Adaptations in The Current Situation. To Allow Students To Learn From The Rich Heritage The Elements Of Aesthetic Design.
- To understand The Construction Techniques Of The Ancient Times
- To Understand The Skilled Labour The Presence Of The Same in The Olden Days.
- To Understand The Same Scene in The Contemporary Era And Its Challenges To Execute The Same Finesse.

**UNIT – I** Recent Directions Design Movements Such As Late Modernism, High Technology, Post Modernism, And De-Constructivism And Minimalism, Bauhaus To Post War modernism - Walter Gropius/ Bauhaus, DeStijl, Mies Van Der Roë, Le Corbusier, Art Deco, Post War Modernism.

**UNIT – II** Non- European Traditions Interiors in China, Japan & the Islamic World – Influences Of Pre-Columbian American Art & Culture, African Influences in Interiors

**UNIT - III** Scandinavian Traditions Interior Design in Sweden, Finland, Norway. Contributions Of Architects Such As Alvar Alto, Etc.

**UNIT – IV** Colonial To The Beginning Of The 21st century Colonial, Victorian Designs, Arts & Crafts Movement, Art Nouveau, Eclecticism, Frank Lloyd Wright.

**UNIT – V** Projects Assignments On Recent Directions & Non-European Traditions.

#### Reference Books:

1. Interior Design Course, Mary Gilliat Coyran, Octopus Ltd., London 2005
2. Interior Design, Francis D.K. Ching, John Wiley & Sons, New York 2006
3. Time Saver Standards For Interior Design, Joseph De Chiara, McGraw-Hill, New York 2001.
4. Publication On Traditional Arts & Crafts Of India, Ministry Of Handicrafts Development, Government Of India 2001
5. Interior Design, John F. Pile, Harry Abrams Inc

# FUNDAMENTALS OF INTERIOR GRAPHICS

## BVID103

### Objective:

- To Make Students Improve Their Sketching Skills & Drawing Abilities.
- To Develop The Skills in Drawings Of Different Interior Schemes And Enable The Students To Read The Drawings & Techniques Of Various Methods Of Drawings.

**UNIT - I:** Instructional Objective: Knowledge Of Instruments, Papers, Usages Of Graphic in Present And Future in Interior Design Presentation. Skills in Free Hand Presentation – Pencils, Crayons, Ink Pen, Brush, Cut Paper, Marker, Sketch Pen Etc. in Different Mediums.

**UNIT - II:** Introduction To Free Hand Drawing: Free Hand Line On Paper- Horizontal And Vertical Lines, Free Hand Circles, Curves, Parallel Etc. Free Hand Lettering , Pencil, Pen, Brush, Sketching Of Various Geometrical Shapes, Simple Objects Of Interiors Furniture And Accessories, Human Forms, Animals, Interior Views.

**UNIT - III:** Skills in Scaled Drawing (Pencil and Pen)

1. Knowledge of Use of Engineering Scales- Metric, Foot and Inches.
2. Reduction and Enlargement
3. Physical Measurements- Exercises of Different Interior Objects
4. Simple Drawing of Measured Objects
5. Knowledge of 2-Dimensional and 3-Dimensional Geometry
6. Exercise on Drawing of Simple Plan, Elevation and Sections.

### Projections:

1. Orthographic, Isometric, Axonometric
2. Drafting of Furniture Objects with Projections.

### Reference Books:

1. Drawing – A Creative Process, Francis D.K. Ching, John Wiley Sons, New York
2. Geometrical Drawing for Art Students, 2nd Revised Edition- I.H.Morris, Orient Longman,
3. Architectural Drafting and Design, 4th Edition- Ernest R.Weidhaas, AllynAnd Bacon, Boston, 1981. 4. Building Drawing, 3rd Edition- Mg Shah, Cm Kale, Tata Mcgraw – Hill Publishing, New Delhi.

# FURNITURE DESIGN-I

## BVID104

### Objective:

To Familiarize The Students About The Knowledge Of Furniture Design And Various Aspects Involved In The Design Of Furniture For Various Spaces. Objective Of This Course Is To Develop Competency To Design And Manufacture Furniture In Relation To Human Forms And Use It For Different Types Of Interiors.

**UNIT - I:** Importance Of Furniture In Relation To Interiors: Study Of Shapes, Forms, Finishes On Furniture. Environmental Conditions Influencing Furniture Designs: Climatic, Social, Economic, Availability Of Materials and Construction Techniques.

**UNIT - II:** Introduction To Various Materials: Wood, Metals Used In Furniture. Types Of Wood Based Products, Methods Of Care and Maintenance, Economics of Furniture, Durability And Usability.

**UNIT - III:** Techniques Of Finishing The Surfaces: Wood And Metal Paints, Polishes And Varnishes Etc. Hand Painting, Brush Painting, Roller, Spray Etc.

**UNIT - IV:** Study Of Anthropometric and Ergonomic Data In Relation To Various Furniture, Diagram Presentation Through Charts. An Exercise Has To Be Done Where Actual Measurements Have To Be Taken In Relation To Various Furniture Presentations In Report Form.

### Reference Books:

1. The Encyclopedia Of Furniture, Joseph Aronson, Crown Publishers, New York
2. Time Saver Standards For Interior Design, Joseph De Chiara, McGraw Hill, New York
3. Interior Design, Francis D.K. Ching, John Wiley & Sons, New York
4. Office Furniture, Susan
5. Szenasy, Facts On File Inc, New York.

# BASIC DESIGN SOURCE

## BVID 105

### **Objective:**

- The Objective of This Course Is To Make Students Understand The Various Aspects Such As Spatial Quality, Design Vocabulary, Design Principles, And Design Process Related To The Design Of Interiors.
- Moreover To Develop The Aesthetics And Abilities To Design Residential And Commercial Interiors With The Help Of Principles And Elements Of Design. Exercises Based On Principles And Elements Of Design In The Form Of Charts Shall Be Given To The Students.

**UNIT - I:** Design: Definitions of Design, Arrangement, and Composition.

Principles of Composition: Elements and Principles.

1. Introduction To Various Elements Of Composition, Line, Direction, Shapes, Form, Colour, Value, tones And Textures.
2. Principles of Composition
3. Repetition, Rhythm, Harmony, Unity, Balance, Dominance, Scale, Proportion, Contrast, Practice Exercise in Composition With Reference To Above.
4. Designing of Murals, Paintings And Wall Paintings Etc.

**UNIT - II:** Colours: 1. Terminology- Hue, Tints and Shade, Value, Intensity, Chroma

2. Theories of Colours, Colour Wheels
3. Different Types of Colour Schemes
4. Colour Harmony, Colour Contrast in Relation To Interior Planning
5. Psychological Aspects of Colour – Warm And Cool
6. Advancing & Receding Colours
7. Colour, Pattern And Texture and Their Relationship in Interiors
8. Colour Planning And Guidelines For Various Interiors.

**UNIT - III: Study Of Form, Pattern, Tones And Textures**

1. Factors Influencing Design
2. Functional And Non-Functional
3. Shapes And Patterns Derive From Natural Forms
4. Pattern And Textures in Relation To Colours
5. Types Of Textures And Their Relationship Psychological; Impact.
6. Textures in Pencils, Inks, And Colour.

**Reference Books:**

1. Interior Design-Ahmed Kasu
2. Interior Design Principal And Practice-M. Prataprao
3. Basic Design Of Anthropometry – ShirishBapat
4. Time Saver Standard For Interior Design And Space Planning – Mcgraw Hill New York
5. Interior Design And Decoration, Sherrill Winton, Prentice Hall

# FURNISHINGS & FITTINGS

## BVID106

### **Objective:**

To Provide The Students' Knowledge Of The Furnishing & Fittings & Its Implementation In Interior Of Any Area. Objective Of This Course Is To Make The Student Aware Of Different Types Of Furnishings And Fittings And Use Of The Same For All Type Of Interiors, By Doing Market Survey For Up To Date Knowledge Of Different Furnishing & Fittings.

**UNIT - I:** Floors-Introduction: Warmth, Safety, Noise, Choice and Planning. Types Of Floors: Hard, Semi-Hard, So Floor.

**UNIT - II:** Floor Coverings: 1. Types Of Carpets & Rugs

2. Natural fibres And Man – Made fibre
3. Handmade Carpets & Lying Of Carpets
4. Machine Made Carpets

**UNIT - III:** Types of Windows & Treatments: 1. Types Of Curtains & Blinds

2. Fittings & Accessories Required For Curtains & Blinds.
3. Valance, Swags, Tails, Tracks, Poles and Other Hardware Materials Used In Curtains and Blinds.

**UNIT - IV:**

1. Fittings & Fixtures of Bathroom & Kitchen.
2. Sanitary & Hardware

### **Reference Books:**

1. Interior Design Illustrated, Francis D.K. Ching
2. House Book (The Complete Guide to Home Design) By Terence Conron.
3. Window Fashion, Charles Tirandall
4. A.J. Metric Handbook: Editors Jan, Bilwas & Leslie Fair Weather.

# BVFT107P: FUNDAMENTALS OF INFORMATION TECHNOLOGY-LAB

## **MS-WORD**

1. Text Manipulations
2. Usage of Numbering, Bullets, Tools and Headers
3. Usage of Spell Check and Find and Replace
4. Text Formatting
5. Picture Insertion and Alignment
6. Creation of Documents Using Templates`
7. Creation of Templates
8. Mail Merge Concept
9. Copying Text and Picture From Excel
10. Creation of Tables, Formatting Tables
11. Splitting the Screen
12. Opening Multiple Document, Inserting Symbols in Documents

## **MS-EXCEL**

1. Creation of Worksheet and Entering Information
2. Aligning, Editing Data in Cell
3. Excel Function (Date, Time, Statistical, Mathematical, Financial Functions)
4. Changing of Column Width and Row Height (Column and Range of Column)
5. Moving, copying, Inserting and Deleting Rows and Columns
6. Formatting Numbers and Other Numeric Formats
7. Drawing Borders Around Cells
8. Creation of Charts Raising Moving
9. Changing Chart Type
10. Controlling the Appearance of a Chart

## **MS -POWER POINT**

### Working With Slides

1. Creating, saving, closing presentation
2. Adding Headers and footers
3. Changing slide layout
4. Working fonts and bullets
5. Inserting Clip art: working with clipart,
6. Applying Transition and animation effects Run and Slide Show

# PROJECT-I

## BVID 108P

1. Wall Art
2. Wall Textures With Colour Combination

Students have to develop wall art and different types of wall texture. Students can do this project individually or in group. Project should be worked out through various production stages under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period.

Students must submit the finished project along with the required paper works, photographs and a comprehensive report to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the University. Delayed, incomplete submissions will be considered as per the University rules.

# SEMESTER-II

# COMMUNICATION SKILLS

# BVID201

## Course Objective

The purpose of this course is to introduce students to the theory, fundamentals and tools of communication and to develop in them vital communication skills which should be integral to personal, social and professional interactions. One of the critical links among human beings and an important thread that binds society together is the ability to share thoughts, emotions and ideas through various means of communication: both verbal and non-verbal. In the context of rapid globalization and increasing recognition of social and cultural pluralities, the significance of clear and effective communication has substantially enhanced.

## Course Outcome:

1. The purpose of this course is to introduce students to the theory, fundamentals and tools of communication
2. To develop vital communication skills which should be integral to personal, social and professional interactions.
3. One of the critical links between human beings.
4. An important thread that binds society together is the ability to share thoughts, emotions and ideas through various means of communication: both verbal and non-verbal.
5. In the context of rapid globalization and increasing recognition of social and cultural pluralities, the significance of clear and effective communication has substantially enhanced.

## CONTENTS

### Unit I: Introduction:

Theory of Communication, Types and modes of Communication, Mediums and channels of communication, barriers to communication, English as a Global language, the Lingua Franca, Social influences on English

### Unit II: Language of Communication:

Verbal and Non-verbal (Spoken and Written) Personal, Social and Business Barriers and Strategies Intra-personal, Inter-personal and Group communication, Varieties of English, Language, Accent, Dialect, Colloquialism, Historical influences on English

### **Unit III: Speaking Skills:**

Monologue Dialogue Group Discussion Effective Communication/ Mis- Communication Interview Public Speech, Regional influences on English, Convergence and divergence, Linguistic Imperialism,

### **Unit IV: Reading and Understanding-**

Close Reading, Reading analysis of a text - Audience and purpose, Content and theme, Tone and Mood, stylistic devices, structure Comprehension- Analysis and Interpretation Translation(from Indian language to English and vice-versa) Literary/Knowledge Texts

### **Unit V: Writing Skills**

Documenting Report Writing Making notes Letter writing, Writing tabloids, diary entry, open letters, essays, newsletter and magazine articles, skits, short stories, impersonating characters.

It will enhance Language of communication, various speaking skills such as personal communication, social interactions and communication in professional situations such as interviews, group discussions and office environments, important reading skills as well as writing skills such as report writing, notetaking etc. While, to an extent, the art of communication is natural to all living beings, intoday's world of complexities, it has also acquired some elements of science. It is hoped that after studying this course, students will find a difference in their personal and professional interactions.

### **Recommended Readings:**

1. Fluency in English - Part II, Oxford University Press, 2006.
2. Business English, Pearson, 2008.
3. Language, Literature and Creativity, Orient Blackswan, 2013.
4. Language through Literature (forthcoming) ed. Dr. Gauri Mishra, DrRanjanaKaul, DrBrati Biswas

# HISTORY OF INTERIOR FURNITURE-I

## BVID202

### **Objective:**

To Familiarize The Students About The Historical Interior And Furniture And Use In Today's time. The Aim Of This Subject Is To Develop A Sense Of Appreciation For History Of Interior With Furniture In Relation To Interior Planning.

### **UNIT - I: Occidental Interiors:**

1. Introduction To The Periods Of History, Cultural, Architectural & Interior Planning From Ancient To Middle Ages, Renaissance, Modern Periods.
2. Concepts and Architectural Characteristic of Ancient, Medieval, Renaissance Period Explaining Different Factors.
3. Influence Ornamentations- Motifs, Furniture, Doors, Windows, Pillars, Columns, Panelling, And Ceiling, Cornices Frieze, Stone Or Wood Inlay Etc.

### **UNIT - II: Study of Period Furniture and Motifs:**

1. European Furniture – (Renaissance Onwards)
2. Italian, Spanish, French
3. Renaissance and Its Influence on Ornamentation and Furniture
4. English, 15-18 Century (From Tudor to Victorian) Style Of Furniture & Decoration.
5. American Colonial Period Furniture and 19th And 20th Century – French, English and American Styles.

**UNIT - III:** English, 15th - 18th Century (From Tudor To Victorian) Style of Furniture & Decoration. American Colonial Period Furniture and Ornamentation 19th Century.

**UNIT - IV:** Oriental 19th and 20th Century – French, English and American Styles.

- Difference in Basic Shapes, Form & Motifs Of East And West.
- Wood & Other Materials Used, Familiarity with Methods of Gilding, Embossing,

### **Reference Books:**

1. English Furniture Style (1500 – 18) By Ralph E
2. Interior Design, Francis D. K. Ching, John Wiley & Sons, New York
3. The Encyclopaedia of Furniture, Joseph Aronson, Crown Publishers, New York
4. Time Saver Standards for Interior Design, Joseph De Chiara, Mcgraw Hill, New York

# INTERIOR CONSTRUCTION & STRUCTURES-I

## BVID203

### **Objective:**

To Familiarize The Students Of Interior Design On Material And Construction Methodology. Designing Of Steel & R.C.C. Structure. Understanding the Basic Components of the Buildings Envelope For Small Buildings.

### **UNIT - I:**

1. Basic Building Components: Foundation till Super Structure
2. Stone and Brick Masonry: Types of Bonds
3. Different Types of Stone Masonry

### **UNIT - II: Openings:**

1. Types of Arches & Lintels
2. Types of Doors & Windows
3. Types of Roofs.

### **UNIT - III: Introduction to Structure:**

1. RCC, Structural Elements
2. RCC Beams
3. Reinforced Beams
4. Slabs
5. Columns

### **UNIT - IV:**

1. Steel Structure Elements – Comparison of Steel and RCC Structure in Building
2. Introduction to Seismic Zone Considerations on High Rise Structures.
3. Introduction to Design Implications to Disasters.

### **Reference Books:**

1. Sushil Kumar, "Building Construction"
2. S.C.Rangwala, "Engineering Materials", Charotar Publishing, Anand
3. W.B. Meckay, "Building Construction", Vol. 1, 2, 3, 4
4. Francis D. K. Ching, "Building Construction Illustrated", Vnr, 1975.

# INTERIOR GRAPHICS-I

## BVID204

### Objective:

Students Should Acquire Knowledge of the Various Drawings, Which Effectively Communicate Their Designs. To Train the Students in The field Of Interior Perspective drawing And Sciography Presentation Skills. Techniques for Construction as a Tool towards Effective Visualization and Presentation.

### UNIT - I: Measured Drawings:

1. Techniques in Skilled Drafting and Perspectives
2. Knowledge of Standardized Drawings, Importance, Various Architectural Symbols and Usage in Drawing.
3. Drafting of Simple Room Layout Plan, Elevations, and Sections with Dimensions, Showing Levels, and Specifications Writing.

**UNIT - II:** Drafting Of Simple Room Layout Plan, Elevations, and Sectional with Dimensions, Showing Levels, and Specifications Writing.

- UNIT - III:** Axonometric Views of Rooms as Per the Drafted Layout Plan, Furniture, Etc.
1. Perspective
  2. Terminology Of Perspective Drafting And Drawing Via Planes, Vanishing Point, Cone Of Vision, One Point, Two Point, Bird's Eye View, Worm's View Etc. .
  3. Drafting Perspective Views – One Point, Two Point *Perspectives with Colours* and Pencil Rendering, Knowledge of Tones and Textures, Colour Applications and Choice of Different Medium.

**UNIT - IV:** Sciography: Sciography in Plan, Elevation and Basic Sciography Use in Orthographic Projections of Simple Objects and Use of Letter set And Stencils.

### Reference Books:

1. Perspective & Sciography By Shankar Mulik, Allied Publishers.
2. Engineering Drawing, M.S. Kumar, D.D. Publications, Chennai
3. Geometrical Drawing for Art Students, I.H. Morris, Orient Longman, Chennai
4. Perspective Principles, M.G. Shah & K.M. Kale, Asia Publications, Mumbai

# FURNITURE DESIGN-II

## BVID205

### Objective:

- To Familiarize the Students About The Different Types Of Furniture And Use in Today's Me.
- To Teach Furniture Design By Applying Joinery For Furniture Manufacturing in Relation To Specific Interiors. Designing Of Different Furniture Pieces Based On The Different Types Of Interiors.

### UNIT - I: Introduction of Various Materials Used in Furniture

1. Wood, Metal and Glass
2. Wood And Wood Based Products: Uses, Availability And Cost Of Soft And Hard Woods, Defects, Properties And Structures Of Different Woods. Different Types of Wood Based Products Available E.G. Plywood, Board, Particle Board, Veneer Etc.

**UNIT - II:** Metals: Mild Steel, Aluminium, Brass, Copper, Wrought Iron, GI Springs Steel Etc. Sectional and Raw Materials Available; Market Study and Rates of the Same. Glass: Sizes, Thickness, Treatments, Rates And Available Of Sheet Properties, Plates, Wired, Laminated Coloured Insulated, Heat Resistant And Block Glass.

**UNIT - III:** Analysis of Existing Furniture with Full Size Measured Drawings like Plan, Elevation, Sectional and Details. To Understand The Structure Properly.

1. Joinery As Applied To Furniture
2. Redesigning of Existing Furniture Keeping in Mind the Market And User's Need

### UNIT - IV: Upholstery Materials:

Types of Foams, Springs and Other Materials Used For Upholstering - Techniques Of Upholstering And Various Hardware Used For The Same.

### Reference Books:

1. Butter Harry, "Do It Yourself Furniture".
2. Marlo Dal Febro, "How To Build Modern Furniture".
3. Joseph Aronson, "The Encyclopedia Of Furniture", Crown Publishers, New York
4. Joseph De Chiara, "Time Saver Standards for Interior Design", McGraw Hill, New York.

# PROJECT-II

## BVID206P

### Model Making of

#### 1. Door

#### 2. Arches

#### 3. Brick Bonds

Students have to develop model of doors, arches and different types of brick wall. Students can do this project individually or in group. Project should be worked out through various production stages under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period.

Students must submit the finished project along with the required paper works, photographs and a comprehensive report to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the University. Delayed, incomplete submissions will be considered as per the University rules.

# SEMESTER-III

## WRITING AND PRESENTATION

### SKILLS IN ENGLISH

#### BVID301

#### **Objective:**

To Make The Students Aware Of The Fundamental Concepts Of Critical Reasoning And To Enable Them To Read And Respond Critically, Drawing Conclusions, Generalizing, And Differentiating Fact From Opinion And Creating Their Own Arguments. To Assist The Students In Developing Appropriate And Impressive Writing Styles For Various Contexts. To Help Students Rectify Structural Imperfections And To Edit What They Have Written. To Equip Students For Making Academic Presentations Effectively And Impressively.

**UNIT - I:** Letter Writing: Letters - Letters To The Editor - Resume And Covering Letters - Parts And Layout Of Business Letters Business Enquiry Letters Offers, Quotation-Orders And Execution-Grievances And Redressed-Sales Letters-Follow-Up Letters-Status Enquiry-Collection Letters-Preparation Of Power Of Attorney For Partnership- Job Application Letters-Resume-CV Reference And Recommendation Letters- Employment Letters.

**UNIT - II:** Other Types of Academic And Business Communication (Written): Seminar Papers- Project Reports - Notices - filling Application Forms - Minutes, Agenda-Reports-Essays.

**UNIT - III:** Presentation Skills: So Skills For Academic Presentations - Effective Communication Skills – Structuring The Presentation - Choosing Appropriate Medium – flip Charts – OHP– Power Point Presentation – Clarity And Brevity - Interaction And Persuasion.

\*Compulsory Activity: PowerPoint Presentations to Be Conducted By Each Student in Class

**UNIT - IV:** Non-Verbal Communication-Body Language-Kinesics, Proxemics-Para Language Channels- Barriers-Principles of Effective Communication

**Unit V** - Online Writing And Netiquette- Writing E-Mails- Use Of Language – Writing For Blogs – Social Media Etiquette- Professional Networking Online (Linkedin, E-Factor Etc.)

Compulsory Activity: Each Student Should Create A Blog and/or Profile in LinkedIn.

#### **BOOKS FOR REFERENCE:**

1. Marilyn Anderson, Pramod K Nayar and Madhuchandra Sen. Critical Thinking, Academic Writing and Presentation Skills. Pearson Education and Mahatma Gandhi University.
2. Antony Thomas, Business Communication and MIS, Prabha Publications. Bhaa R.C. Business Communication
3. Salini Agarwal Essential communication skill. Reddy P.N, and Apopannia, Essentials of Business communication.
4. Sharma R.C, KRISHNA Mohan, Business Communication and Report writing Leod, M.C., Management Information system

# INTERIOR SERVICES-I

## BVID302

### **Objective:**

This Course Aims At Imparting Knowledge In The Area Of Interior Services And Their Application Like Water Supply, Lighting Etc.

### **UNIT - I: Water Supply (A) Hot and Cold Water Supply System**

(B) Types and Sizes of Pipes

(C) Water Supply fitting to –

(I) Bathroom

(II) Water Closet

(III) Sink

(IV) Bathtub

(V) Washbasin

(VI) Bidets

(VII) Showers,

(VIII) Urinals

### **UNIT - II: Drainage (A) Principles of Drainage**

B) Materials for Drains

C) Traps – Types, Sizes, Function and Usage

D) Pipes Sizes and Shapes Sanitary fixtures - WC, Washbasins, Bath Tubs, Sinks (Sizes and Types)

E) Septic Tank

Note: Simple Exercises on Preparation of Layout Plans for Toilet, Kitchen; both Public and Residential

### **UNIT - III: Lighting**

(A) Different Systems of Lighting–

(I) Natural

(II) Artificial

(B) Units for Measuring Light

### **UNIT - IV: Electrical Layout**

(A) Planning – Using Electrical Symbols

(B) Selection Of fitting For Different Work Areas As - Drawing Room, Bedroom, Study Room, Bath, Kitchen, Etc.

(C) Public Places like Offices, Malls, Hospitals

**Note:** Include Basic Knowledge of Material finishes And Maintenance

**Reference Books:**

1. Building Construction By B.C.Punmia
2. Building Construction By Sushil Kumar
3. Materials By Rangwala
4. Sanitary Engineering By R.S. Deshpandey
5. Water Supply And Sanitation By Charanjit Shah
6. A-Z Of Practical Building Constructions & Its Management By Sandeep Mantri
7. Electrical Engineering By O.P. Shukla
8. Water Supply And Sanitation Engineering By P.K. Upadhyay
9. Sanitary Engineering By R.S. Deshpandey
10. Water Supply & Drainage Gurcharan Singh

# INTERIOR CONSTRUCTION & STRUCTURES-II

## BVID303

### Objective:

Subject Is Used For Understanding the Structure to Support Renovation/ Refurnishing / Designing Of Any Interior.

**UNIT - I:** Floors (A) Ground and Upper floor

(B) Different Types Offlooring Materials, Laying Details

**UNIT - II:** Roofs A) Pitched – Different Types

B) Trusses – Types and Parts in Sketches

**UNIT - III:** Doors – (With Mechanical Devices)

A) Aluminium and Steel Doors

B) Types of Door Closing Devices

C) Sliding Doors

D) Sliding and Folding Doors

E) Revolving Doors

F) Swing Doors

G) Shop Window Front

**UNIT - IV:** Windows A) Aluminium and Steel Windows B) Different Types - Bay, Bow, Corner, Dormer, Sky Light, Louvered (French), C) Casement, Clerestory, Pivoted, Sliding, Ventilators.

### Reference Books:

1. Building Construction By B.C. Punmia
2. Building Construction By Sushil Kumar
3. Building Construction By W.B. McKay

# AUTO CAD

## BVID304

### **Objective:**

The Objective Of AutoCad Is To Enable Students To Create 2d And 3d Drawing in Autocad.

### **UNIT - I:** • Introduction to Hardware and Software of Cad

- Introduction: What Is Cad? What to Expect From Cad?
- A Look at Cad Industry, Working Of a Cad System
- Cad and Interior Design, the Future of Cad.
- Components of Cad System
- Hardware Software Overview, Cad Hardware, Cad Software, Cad User Interface
- Drawing with a Computer. Cad Software in The Future

### **UNIT - II:** • Introduction to AutoCad

- Advantages of Cad
- Business Applications for Cad
- Building Information Modelling, Wrapping It Up
- Benefits of Cad Design
- What Is AutoCad?
- Starting AutoCad
- World Coordinate System
- AutoCad Basics
- Basic Terminology
- Interior Designing Using AutoCad

### **UNIT - III:** • A Prototype Cad Drawing

- Limit Setups for Drawings
- Understanding Scale Concept and Limits in AutoCad

- Drawing Tools, Modify Tools

#### **UNIT - IV: Colours and Line Types**

- Line Type, Line Type Scale, Line Weights
- How to Create a Custom Simple Line Type
- AutoCad Command List

#### **Reference Books:**

1. Mastering Auto Cad By George Omura (Bpb Publications)
2. Joseph A. Fiorello, Cad For Interior Basics, John Wiley & Sons
3. Timothy J. Barnes, Electronic Cad Frame Works, Springer
4. Schoon Maker, E-Book Corporation, Marcel Dekker
5. The Cad Guidebook: A Basic Manual for Understanding And Improving Computer –Aided Design, CRC Press.

# INTERIOR DESIGN & LANDSCAPE-I

## BVID305

### Objective:

Use Of Interior And Exterior Spaces Awareness Of Different Types Of Plants – Indoor & Outdoor Plants. Designing Of Different Interior Spaces.

**UNIT - I:** Design Small Apartment Like 2 BHK / 3 BHK with Complete Furniture Layout, Drawing - Plan, Elevation 3d View/Perspective View, Furniture Detailing, Using Colour Schemes, Accessories, and Electrical Layout Plan Etc.

**UNIT - II:** Design Commercial Space Like Small Store Or Petrol Pumps Convince Store Complete Furniture Layout, Drawing - Plan, Elevation 3d View/Perspective View, Furniture Detailing, Using Colour Schemes, Accessories And Electrical Layout.

**UNIT - III:** For Landscape

- Relation between Outdoor and Indoor Spaces.
- How to Relate Interior & Exterior Spaces.
- Type of Land Escape – Hard and Soft Landscape & Its Use in Interiors.
- Use Of Materials – Construction, Ground modelling, Ground Cover, Laying Of Grass, Stone Path Ways.

**UNIT - IV:** • Potted Plants, Hanging Baskets, Shrubs, creepers, Hedges Fences, Tree Guards, Trills, Water Bodies, Fountain, Sculpture, Artificial Pools And Different Types Of Lights Used in Exteriors And Their Uses.

- Project on Land Escape Balcony Area/Private Gardens With Layout, And A Coloured Perspective.

### Reference Books:

1. Indoor Plants by Xania Field
2. World Architecture (With Introduction to Landscape Architecture) By G.K. Hiraskar
3. World of House Plants by Johans
4. Indoor Garden by Hunter
5. Indoor Gardening by Reader Digest Association (London)
6. Japanese Homes and Gardens by Marcus G. Sims
7. Interior Decoration by Sash Chandra Agarwala

# FURNITURE DESIGN-III

## BVID306

### Objective:

To Familiarize The Student About The Knowledge Of Furniture Design And Various Aspects Of Furniture For Different Spaces. Objective of This Course Is To Develop Competency to Design and Manufacture Furniture in Relation To Human Forms and Use It for Different Types of Interiors

### UNIT - I: Introduction to Furniture Period.

Oriental Furniture Period, period Furniture – Oriental Furniture, Historic & Period Furniture, History of Furniture in Ancient World – Ancient Egypt, Greece, Rome, And Byzantine

### UNIT - II: History of Furniture

- Middle Age Early Mediaeval 500-1000
- Romanesque Gothic – 1200-1300,
- Furniture Development in Italy – Pre – Renaissance (1100-140)
- Quattrocento (1400-1500)
- Cinquecento (1500-1600)
- Baroque (1560 – 1700), Classical Revival (1750 – 1800)
- Italian Directoire (1795 – 1799), Italian Empire (1800 – 1815)
- Furniture Development in France –
- Early Renaissance – (1515 – 1547), High Renaissance (1560-1610), Baroque (1643 -1745)
- Rococo (1725 -1774)

**UNIT - III:** Neo-Classicism (1774 -1793), Directoire (1795 – 1799), Empire (1800-1815), Art Nouveau (1870 - 1909), French Provincial, Furniture Development in England

- Tudor/ Elizabethan, Restoration (1600 – 1685)
- William & Mary (1689 – 1702), Queen Anne (1702 – 1714) • Early George (1714 – 1760)

### Reference Books:

1. Interior Design – Ahmed Kasu
2. World Furniture Edited By Helena Hayward
3. English Furniture Styles (1500 – 18) By Ralph Etime Saver Standard for Interior Design and Space Planning – McGraw Hill New York
4. Antique Furniture By David P. Lindquist And Carlone C. Warren

# PROJECT-III

## BVID307P

1. Model Making of Windows with Wall
2. Historical Furniture Miniature

Students have to develop different types of window and historical furniture miniature. Students can do this project individually or in a group. Project should be worked out through various production stages under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period.

Students must submit the finished project along with the required paper works, photographs and a comprehensive report to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the University. Delayed, incomplete submissions will be considered as per the University rules.

# SEMESTER -IV

## DISPLAY DESIGN

### BVID401

#### Objective:

To Provide The Students Knowledge Of The Display Of Commercial Interiors & Its Implementation. Objective Of His Course Is To Make The Student Learn The Scope Of Display And Sales Promotion With The Help Of Different Types Of Displays Used in Commercial Areas.

**UNIT - I:** Introduction: Display of Various Products/Commodities, Display and Their Scopes for Sale, Promotion at Shop, City, State, National and International Levels. Classification: Window, Wall, Island, Counter, Atrium, Mobile, Kiosk, Store & Exhibition Display. Conceptualization: Thematic Message, Seasonal Festival, State & Country Oriented Display.

**UNIT - II:** Display Props And Display Media: Use Of Props, Publicity Media, Newspaper Ads, T.V., Hoardings, Posters, Banners, Billboards, Flyer, Panels, logo, Trademarks.

- Window Display for Sales Promotion of Different Types of Products/ Commodities
- Use of Different Devices like Blocks, Stands, Panels
- Use of Different Types of Lights and Colours.
- For Shops Like Gift Gallery, Leather Goods Like Bags, Shoes, Pottery And Kitchenware, Apparel For Kids, Ladies And gents(Branded Stores)

**UNIT - III:** Importance Of Devices: Leering, Colour, Lights And Different Types Of Lights To Be Used For Display, Mechanical Devices Used. Devices Used For Display: Panels, Stands, Blocks. Use of Lettering and Designing of Logo and Trade Mark as an Exercise on Paper.

**UNIT - IV:** Planning Designing and 3d Views in Colour Using Props For Expressing 'Theme' or 'Message' in Display

Counter Displays

- Types and Use of Counters in Store Display
- Importance of Counter Display
- Planning And Designing The Counter Display For Jewellery, Spectacles/ Shades, Cosmetic Goods And Precious Goods Like Ivory Items, Precious Stones, And Sandal Wood Items Using Theme For Display.
- All of the Above To Be Carried Out in Lecture Studio Class
- Visits to Various Stores, Malls and Exhibitions

#### Reference Books:

1. Designs for 20th Century Interiors – Fiona Leolie, Vh Publications, London.
2. Worldwide Interiors – International Federation of Interior Architects & Designers, Rikuyo- Sha, Japan, 1987
3. Interior Design: The New Freedom, Barvaralec Diamonstein, Rizzoli International Publications, New York, 1982
4. Interior Colour by Design, Jonathan Poore, Rockport Publishers, 1992.

# INTERIOR SERVICES-II

## BVID402

### **Objective:**

This Course Aims At Imparting Knowledge In The Area Of Interior Services And Their Application Like Air Conditioning, Sound Insulation.

### **UNIT - I: Sound and Thermal Insulation**

- Behaviour of Heat and Sound Propagation
- Acoustical Defects Such As Echo, Reverberation, Sound Foci
- Methods of Correcting
- Sound Absorbing Materials
- Use of Sound Insulating Materials In Interiors Like Auditorium Conference Hall Typing Room

### **UNIT - II: Fire Safety Systems**

- Causes Of fire
- Fire Proof (Resistant) Material
- Application Of fire Proof (Resistant) Material
- Survey – Fire fighting Equipment's

### **UNIT - III: Ventilation**

- Ventilation (I) Natural (II) Artificial or Mechanical
- Requirement Of Ventilations System
- Artificial (Mechanical) Ventilation systems – Extraction, Plenum, Extraction-Plenum, Air Conditioning

### **UNIT - IV: Air Conditioning**

- Definition
- Essentials of Comfort Air Conditioning
- Types – Unit A/C, Central A/C, Split A/C, Package Unit, Central and Direct Expansion & chilled water System (Indirect)
- Essentials of Air Conditioning – Filtration, Heating and Cooling, Humidification or Dehumidification, Air
- Circulation or Distribution
- Latent Heat, Ton of Air Conditioning, Refrigeration Etc.

### **Counter Displays**

- Types and Use of Counters in Store Display
- Importance of Counter Display
- Planning And Designing The Counter Display For Jewellery, Spectacles/ Shades, cosmetic Goods And Precious Goods Like Ivory Items, Precious Stones, And Sandal Wood Items Using Theme For Display.
- All of the Above To Be Carried Out In Lecture Studio Class
- Visits to Various Stores, Malls and Exhibitions

**Reference Books:**

1. Building Construction by B.C.Punmia
2. Building Construction by Sushil Kumar
3. Materials by Rangwala
4. Sanitary Engineering by R.S. Deshpandey
5. Water Supply and Sanitation by Charanjit Shah
6. A-Z of Practical Building Constructions & Its Management by Sandeep Mantri
7. Electrical Engineering by O.P. Shukla
8. Water Supply and Sanitation Engineering By P.K. Upadhyay
9. Sanitary Engineering by R.S. Deshpandey

# AUTO CAD-II

## BVID403

### **Objective:**

The Objective of AutoCad Is To Enable Students To Create 2d And 3d Drawing in AutoCad.

### **UNIT - I:** • Introduction to Working in AutoCad and Layers

- Introduction: The X, Y Co-Ordinate System
- AutoCad Basics
- Layers
- Layer, Text and Dimensioning
- Working with Layers

### **UNIT - II:** • Drawing Insertion, Object Snap, Zooming and Panning

- Insert a graphic file Into an Existing Visio Drawing • Insert Command
- Building Information Modelling, Wrapping It Up
- Benefits of Cad Design
- What Is AutoCad?
- Starting AutoCad
- Insert to AutoCad
- Object Snap
- Snap in AutoCad
- Zooming and Panning, Freehand Sketch, Editing and Drawing

### **UNIT - III:** Plan and 3d View Drawing

- Introduction • 3d Cad Terminology
- Isometric Drawing
- The 3d Co-Ordinate System

- 3d Rotation
- Viewing in 3-D Objects
- Wire Frame Drawing Techniques
- Line Thickness Drawing Techniques
- Regions and 3-D Faces

**UNIT - IV:** Module- 4 Enhanced 3-D

- Extruding and Lofting
- Revolving Objects
- Auto Cad 3-D Modelling -3d View

**Reference Books:**

1. Mastering Auto Cad by George Omura (Bpb Publications)
2. Joseph A. Fiorello, Cad for Interior Basics, John Wiley & Sons
3. Timothy J. Barnes, Electronic Cad Frame Works, Springer
4. Schoon Maker, Ebook Corporation, Marcel Dekker
5. The Cad Guidebook: A Basic Manual for Understanding And Improving Computer –Aided Design, Crc Press

# SOFT SKILL AND PERSONALITY DEVELOPMENT WITH COMMUNICATION SKILLS

## BVID404

### Objective:

After Completion Of The Course Students Will Be Familiar With Different Aspects Of Personality And Role Of So SkillsinPersonality Development.

**UNIT - I:** Introduction: Concept Of Personality, Personality Consciousness, Personality Patterns, Personality Syndrome, Symbols Of Self, Clothing Names And Nicknames, Speech, Age, Success, Reputation, moulding The Personality Pattern, Persistence And Change.

**UNIT - II:** Personality Determinants: Physical Determinants, Intellectual Determinants, Emotional Determinants, Social Determinants, Aspiration And Achievement, Educational Determinants, Family Determinants.

**UNIT - III:** Personality Development: Healthy Personalities, Developing Self Awareness, Managing Personal Stress, Solving Problems Analytically And Creatively, Grooming, Appearance, Dress Sense, Personal Hygiene, Etiquettes And Body Language, Time Management, Public Speaking.

**UNIT - IV:** Interpersonal And Group Skills: Building Positive Relationship, Strategies for Gaining Power and Influence, Fostering Motivational Environment, Building Effective Teams, Interviewing Skills, Conducting Meetings.

### Communication Skills

### Objective:

Students Should Have Studied General English Up To Secondary Level And The Subject Aims At Developing Communication SkillsinWring, Speaking As Well As Body Language.

**UNIT - I:** Recognizing and Understanding Communication Styles: What Is Communication? Passive Communication, Aggressive Communication, Passive-Aggressive Communication, Assertive Communication, Verbal and Non Verbal Communication, Barriers and Gateways to Communication.

**UNIT - II:** Listening Skills: Types Of Listening (Theory /Definition), Tips For Effective Listening Academic Listening- (Lecturing), Listening To Talks And Presentations, Basics Of Telephone Communication Writing Skills: Standard Business Leer, Report Wring, Email Drafting And Etiquettes, Preparing Agenda And Wring Minutes For Meetings, Making Notes On Business Conversations, Effective Use Of SMS, Case Wring And Documentation.

**UNIT - III:** Soft Skills: Empathy (Understanding of Someone Else Point Of View), Intrapersonal Skills, Interpersonal Skills, Negotiation Skills, Cultural Aspects of Communication.

**UNIT - IV:** Group Communication: The Basics Of Group Dynamics, Group Interaction And Communication, How To Be Effective in Groups, Handling Miscommunication, Handling Disagreements And Conflicts, Constructive Criticism.

**Reference Books:**

1. Mckay, M., Davis, M. & Fanning, P.(2008). Messages: The Communication Skills Book, New Harbinger Publications
2. Harbinger Publications
3. Perkins, P.S., & Brown, L. (2008). The Art And Science Of Communication: Tools For Effective Communication in The Workplace, John Wiley and Sons
4. Communication in The Workplace, John Wiley and Sons
5. Krizan Et Al (2010). Effective Business Communication, Cengage Learning.
6. Scot, O. (2009). Contemporary Business Communication, Biztantra, New Delhi.
7. Chaney & Marn (2009). Intercultural Business Communication, Pearson Education
8. Penrose Et Al (2009). Business Communication for Managers, Cengage Learning.

# INTERIOR CONSTRUCTION-I

## BVID405

### **Objective:**

The Objective Is To Refurnish Different Types Of Interior.

### **UNIT - I:**

- Design and fixing Details of Panelling,
- Materials Used For Panelling in Interior
- Panelling in Plywood

### **UNIT - II: Partitions (Space Dividers- Full or Half Partitions)**

- Types
- Simple Partitions in Wood, Glass and Metal
- Movable Partitions
- Sound Proof Partition
- Various Modern Materials Available in Markets

### **UNIT - III: False Ceiling (Timber)**

- Purpose
- Materials Used For fixing and finishing.
- Design and Details of False Ceiling in Timber.

### **UNIT - IV: False Ceiling (Other Materials)**

- Role of Glass, Gypsum, Pop in False Ceiling
- Fixing Of Plaster Of Paris in False Ceiling

### **Reference Books:**

1. Building Construction by Sushil Kumar
2. Building Constructions by W. B. Mckay, V.P. Sikka, B.C. Punmia, Arora and Bindra

# INTERIOR DESIGN & LANDSCAPE-II

## BVID406

### Objective:

To Make Interior Schemes of Different Types Of Interiors and Use of Landscape in Interior & Exterior

### UNIT - I: Preparing Interior Scheme For

- A. Office Area for Architects or Interior Designers, Any
- B. Office Private Individual Office

**UNIT - II:** Commercial Office Containing Reception Area Chairman's Chamber, Directors Room, Staff Area With Open Cubicles, Pantry & Toilet /Washroom Area, Conference Hall & Common Staff Area And Drawing Required As Layout Plans, Elevation And Perspective Views Of Different Area in Colour With Use Of Proper Accessories, Plants And flower Arrangement For Various Areas Of Office

**UNIT - III:** Fast Food Restaurant: - Existing Restaurant in Neighbourhood with Layout Plan and Perspective View in the Form of Free Hand Sketches.

**UNIT - IV:** Public Park of Your Own Colony/ Area or Specified Park. Create Space For Public Function Stage And Gazebo Etc. Terrace Garden To Be Designed, Laying Of Grass On Terrace, Potted Plants, Hanging Baskets, Use Of Lights And Making Sing Areas For Small Family Get-Togethers.

### Drawing Required:

Layout Plan, Elevations, And Perspective View of Different Areas in Colour with Use of Proper Accessories, Plants and flower Arrangements for Various Areas in Office.

### Reference Books:

1. Indoor Plants By Xania Field
2. World Architecture (With Introduction To Landscape Architecture) By G.K. Hiraskar
3. World Of House Plants By Johans
4. Indoor Garden By Hunter
5. Indoor Gardening By Reader Digest Association (London)
6. Japanese Homes And Gardens By Marcus G. Sims
7. Interior Decoration By Sash Chandra Agarwala

# FURNITURE DESIGN-IV

## BVID407

### **OBJECTIVE:**

To Teach Furniture Design, Joinery For Furniture Manufacturing in Relation To Specific Interiors, Drawing Of Different Furniture Pieces Based On The Above.

**UNIT - I:** Introduction & Study Of The Space Saving Furniture. Residential & Commercial Area

**UNIT - II:** Different Material Used for Making Furniture like Cane, Bamboo, Wood, Glam, Metal, PVC.

**UNIT - III:** Concept of Folding & Knock Down Furniture, Movable, Modular Furniture

**UNIT - IV:** Different finishes Used on Furniture according To the Climatic Conditions of Different Countries.

### **Drawing Required:**

Layout Plan, Elevations, And Perspective View Of different areas in Colour with use Of Proper Accessories, Plants and flower Arrangements For Various Areas in Office.

### **Reference Books:**

1. The Encyclopedia Of Furniture, Joseph Aronson, Crown Publishers, New York
2. Time Saver Standards For Interior Design, Joseph De Chiara, Mcgraw Hill, New York
3. Portable Furniture By Vicki Brooks
4. Shelves And Cabinets By Alexandria, Virginia
5. Interior Design, Francis D.K. Ching, John Wiley & Sons, New York
6. Office Furniture, Susan S. Szenasy, Facts On file Inc, New York

# PROJECT-IV

## BVID408P

### **Residential Model Making**

#### **Residential Project**

1. Studio Apartment
2. 2 BHK Apartment
3. Independent House

Students have to develop a model of residential house . Students can do this project individually or in a group . Project should be worked out through various production stages under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period.

Students must submit the finished project along with the required paper works, photographs and a comprehensive report to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the University. Delayed, incomplete submissions will be considered as per the University rules.

# SEMESTER -V

## LEGAL ETHICS & PROFESSION PRACTICE

### BVID501

#### **Objective:**

To Acquaint The Students With Role Of An Interior Designer in Society, Scale Of Charges Conduct in The Practice.

#### **UNIT - I:** Introduction - Contract Document

- Contract and Condition of Engagement of Interior Projects
- Responsibilities, Liabilities and Dues of Interior Designer
- Terms and Condition for Entering Into Contact, Scale Of Charges and Mode of Payment for the Professional Services to Be Offered
- Dues and Liabilities as Per the Architect Act, 1972
- Contractor's And Owner's (Employer's) Dues and Liabilities.

**UNIT - II:** Professional Procedures: Preparation Of Schedules And Progress Charts, Supervision Of Sub-Trades And Subcontractors.

#### **UNIT - III:** Code of Practice

- Confidential Information For Client's Employer, Encroachment On Existing Project Of Another Designer in Direct Competition, Fees, Scale Of Change, Commission And Discount, Retaining Fees, Rejection.
- Advertising, Press Display, Classified Columns, Announcement of Change of Address, Size of Name Plate Etc.
- Condition of Agreements and Terms of Contracts Alternatives Agreements, Out Of Pocket Expenses, Stages Of Payment, Settlement Of Disputes And Arbitration

#### **UNIT - IV:** Job Procedures

- Regulations & Restrictions On Various Types Of New & Old Work, Local By-Laws Pertaining To Interiors & Renovation Of Buildings, Storage & Maintenance Of Plants & Materials, Liabilities, Local Tradesmen Working Condition & Practices.

#### **Reference Books:**

1. Professional Practice By Dr. Roshan H. Namava
2. Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler
3. Professional Practice By Krishnamurthy K.G
4. The Construction Of Building By R. Barry

# PRODUCT DESIGN-I

## BVID502

### Objective:

Students Must Learn the Techniques of Design the Product first And Production of The Same in Any Medium, They Select.

### UNIT - I:

- Section Of Material, Understand the Properties of Material
- Material to Work on I Unit Is Paper
- Products Which Can Be Made Are:- Pen Stand, Tissue Paper Box, Gift Box, Wedding Card Box, Sweets Or Chocolate Box. The Drawing With Complete Size And Details Must Be Made.

**UNIT - II:** Material: Mount Board, Choksi Board Products: Photo Frame, Table Calendar, Wall Clock, Wall Hanging, Etc. With Proper Design And Drawing On Sheet With Details.

**UNIT - III:** Material: Thermocol Products: Accessories/ Props For Birthday Party For Theme Oriented, Etc. All These Accessories Must Be Drawn On Paper With Complete Details And Colour Schemes Prepare: Masks For Different Occasions, Candels, Diyas, Flowers, Etc. To Orient He Theme

**UNIT - IV:** Material: Cloth, Wire, Ribbon, Wool, Sutli, Etc. Products: Wind Chimes, Decorative Balance, flowers With Cloth, Ribbon And Wool, Etc. All Designs To Be Made On Drawing Sheets Tools/ Equipment Required For Holding Product Design Workshop: Scissors, Paper Cutters, Pliers, Small Hammers

### Reference Books:

1. Wood Bonding Handbook By Stevens & Turner
2. Indian Decorative Design By Aryan
3. Furniture in Colour By Syngé
4. Furniture Making By Collisehon
5. Furniture Face Lifts By Wagstaff & Thurgood

# ENVIRONMENTAL SCIENCE

## BVID503

### OBJECTIVE:

- To built a pro-environmental attitude and a behavioral pattern in society based on sustainable lifestyles
- To impart basic knowledge on pollution and environmental degradation.

### Unit 1 : Introduction to Environmental Studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; Concept of sustainability and sustainable development.

### Ecosystems

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems :
  - a) Forest ecosystem
  - b) Grassland ecosystem
  - c) Desert ecosystem
  - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

### Unit 2 : Natural Resources : Renewable and Non--renewable Resources

- Land resources and landuse change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over--exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter--state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

### Unit 3 : Biodiversity and Conservation

- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots

- India as a mega--biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man--wildlife conflicts, biological invasions; Conservation of biodiversity : In--situ and Ex--situ conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

#### **Unit 4 : Environmental Pollution**

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management : Control measures of urban and industrial waste.
- Pollution case studies.

#### **Environmental Policies & Practices**

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

#### **Unit 5 : Human Communities and the Environment**

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

#### **Suggested Readings:**

1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R.1993. This Fissured Land: An Ecological History of India. Univ. of California Press.
3. Gleeson, B. and Low, N. (eds.) 1999.Global Ethics and Environment, London, Routledge.
4. Gleick, P. H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security.

Stockholm Env. Institute, Oxford Univ. Press.

5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339: 36--37.
7. McCully, P. 1996. Rivers no more: the environmental effects of dams(pp. 29--64). Zed Books.
8. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M. L. 2001. Environmental law and policy in India. Tripathi 1992.
14. Sengupta, R. 2003. Ecology and economics: An approach to sustainable development. OUP.
15. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
16. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. Conservation Biology: Voices from the Tropics. John Wiley & Sons.
17. Thapar, V. 1998. Land of the Tiger: A Natural History of the Indian Subcontinent.
18. Warren, C. E. 1971. Biology and Water Pollution Control. WB Saunders.
19. Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York: Norton.
20. World Commission on Environment and Development. 1987. Our Common Future. Oxford University Press.

# INTERIOR BUDGETING & ESTIMATION

## BVID504

### Objective:

Basic Understanding of Quantities, Cost & Methods to Make Estimates. The Students Should Be Able To Make Estimate Of Interior Schemes. Proposed For The Client.

**UNIT - I:** Estimate • Different Types • General Principles Of Approx Methods Of Costing For Various Interior Works For All Types Of Old & New Works.

**UNIT - II:** Specification:

- Definition.
- Principles of Specification
- Types of Specification
- Partition
- Partition Walls Commercial Plywood, Block Board Laminated Sheet, Glass Etc.
- Plastering with Cement Mortar.
- Flooring -Cement Conc., Marble, Mosaic
- Distemping & Colours Washing.
- Wood Work: Doors, Window, Partition, Cabinet Sets, False Ceiling, Furniture Wall Partitions, Wall Panelling, Table, Chair Etc.
- Water Supply & Sanitary Fitting Etc.

**UNIT - III:** Taking Out Quantities: • Units of Measurement -Cubic Meter, Square Meter, Running Meter.

- General Rules for Measurements.
- Quantity Survey: Spot Item
- Prime Cost
- Provisional Sums
- Costing Of Work

**UNIT - IV:** • Data Collection & Keeping Information of Market Prices of Materials

- Exercises on Preparation & Calling of Tenders.
- Estimation & Schedule of Quantities for Furniture Pieces
- Estimation of One Complete Project Of Interior
- Preparation Of Above Estimates Using Computer Software

### Reference Books:

1. A Text Book Of Estimation, Costing And Valuation By Gurcharan Singh And Jagdish Singh
2. Budgeting & Estimation By B. N. Dutta
3. Civil Estimating & Costing By Amarjit Agarwal And A. K. Upadhyaya.
4. Professional Practice By Dr. Roshan H. Namava

# VISUAL MERCHANDISING-I

## BVID505

### **Objective:**

Since The Background Of Display Is Therein Visual Merchandising, Students Are Given Knowledge Of Promoting Sales Of Products. Students Take up Assignments as Display on Lists or Exhibition Designer.

### **UNIT - I: Atrium / Foyer Display**

- What Is Atrium Or Foyer Display?
- Its Importance and How to Present the Same?
- Scope of Atrium Display
- Planning and Coloured View for Approval on Sheet/ Drawings.

### **UNIT - II: Automobile - Car - Two Wheeler Cold Drinks or New Juice Introduction in the Atrium**

### **UNIT - III: Mobile Displays**

- Its Importance and Use
- Introducing New Products with The Help of Publicity Material like Placard, Hoarding, Leaflet/flyers

### **UNIT - IV: Exercises on Cosmetic Display, Landscape, Plants and Landscape Accessories Display**

### **Reference Books:**

1. Image India By Dhamija
2. Indian Folk Art And Cra By Dhamija
3. Indian Cultures Through The Ages By Vidyarthi
4. International Shop Design By Kasper
5. Indian Architecture According To Silpsastra By Acharya

# INTERIOR CONSTRUCTION-II

## BVID506

### **Objective:**

The Objective Is To Refurnish Different Types Of Interior.

### **UNIT - I:**

Technical Terms -

Tread

Riser

flight

Landing

Nosing

Scotia

Soffit

Newel Post

Balusters

Headroom

Handrail

Balustrade, Etc.

### **Requirements of Good Stairs:**

- Location
- Width of Stair
- Length Offlight
- Pitch of Stair
- Headroom
- Balustrade
- Step Dimensions

- Material of Construction

#### **UNIT - II: • Calculation of Step Size**

- Types of Steps
- Round Ended
- Bull Nose Step
- Flier
- Splayed Step
- Commode Step
- Dancing Step

#### **UNIT - III: Classification of Staircase**

- Straight
- Turning Stairs- Quarter Turn
- Half Turn (Dog Legged, Open Newel, Geometrical)
- 3-Quarter Turn
- Bifurcated
- Continuous Stair (Circular, Spiral, Helical) In Different Materials like Timber, Metal, Stone, Brick, RCC, Etc.

#### **UNIT - IV: Cladding & Ceiling Materials & Finishes & Its Application**

- Define Cladding
- Stone, Timber, Weather Board, Fibre Cement, Brick
- RCC, Vinyl, Metal, Etc.

#### **Types of False Ceiling:**

- Gypsum, Plaster Of Paris, Wooden, Glass, Metal,
- Synthetic Leather or Cloth Ceiling

#### **Reference Books:**

1. Building Construction By Sushil Kumar
2. Building Constructions By W. B. McKay, V.P. Sikka, B.C. Punmia, Arora And Bindra
3. Interior Construction & Detailing – David Kent Ballast.
4. Building Construction By Sanjay Mahajan

# INTERIOR DESIGN-I

## BVID507

### Objective:

Objective Of This Subject Is To Develop The Ability To Design Commercial Interiors Of Various Types. The Exercise Base Of Commercial Interiors Is This Semester Must Be Handled Keeping Aesthetics In Mind And Special Effects To Justify The Design.

**UNIT - I: Green Architecture** – Construction Techniques & Usages of Building Materials – Efficient, Earth Friendly or Recycled For The Creation Of Eco-Friendly & Intelligent Interiors.

**Fire Safety**–Introduction To fire Safety Causes Of Death In Fire, Responsibility of Designer's Towards fire Safety.

**Disaster Management** - Understanding Disasters, Geological and Mountain Area Disasters, Wind and Water Related Natural Disaster, Man Made Disasters

**UNIT - II:** Perspective in All Mediums Eating House: Cuisine Based Restaurants and fine Dining Areas. Guest House Project with Dining Area Which Could Be Used For Small Events like Birthday Parties, Weddings, Functions (Like Mehendi, Sangeet, Etc.) Or For Exhibitions, Etc.

**UNIT - III:** Wash Room – Perspective in All Mediums. • Residential Area with All Latest Equipment's • Commercial Washroom; Either of 5 Star Hotel or A Mall.

**UNIT - IV:** Perspective in All Mediums

- A Retail Out Let Like Reliance Fresh, Big Apple, Save Max, Big Bazar, Etc.
- Layout Plan, Elevation with Special Stacking Racks, Special Effects of Light in Displays Areas of Goods, 3d View in Colour

### Reference Books:

1. Color Dictionary By Brasi & Workman
2. Indian History By Goyal
3. Building Services, Anthony Rowley
4. Fire Fightings, S. Shah
5. Great Interiors By Grant
6. Central Water Commission, 1989, Manual Of Flood Forecasting, New Delhi.
7. Interior Design By Ahmed A. Kasu
8. Landscape Detailing Surfaces- Michael Littlewood

# PROJECT-V

## BVID508P

**Product Design using the following materials: -**

- 1. Bamboo ,**
- 2. Wood ,**
- 3. Iron**

Students have to develop different types of interior product from BAMBOO, WOOD, and IRON . Students can do this project individually or in a group. Project should be worked out through various production stages under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period.

Students must submit the finished project along with the required paper works, photographs and a comprehensive report to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the University. Delayed, incomplete submissions will be considered as per the University rules.

# SEMESTER -VI

# ENTREPRENEURSHIP & PROJECT MANAGEMENT

## BVID601

### **Objective:**

To Develop Competencies in The Students to Setup Small Scale Manufacturing Unit Related To Interiors And Interior Accessories Like Furniture And Interior Product Lineage And To Encourage The Concept Of Self-Employment And To Be An Employer (Job Creator).

### **UNIT - I: Entrepreneur**

- Concept and Nature, Scope and Philosophy of Entrepreneurship
- Distinction between Self-Employment and Entrepreneurship
- Importance of Entrepreneurship and Self-Employment in Our Country
- Entrepreneurial Traits
- Different Forms of Business Organizations (Sole Proprietorship, Partnership, Co-Operative Societies, Public and Private Undertakings)

### **UNIT - II: Entrepreneurial Support System**

- Introduction
- Sources of Information
- Market Survey and Opportunity Identification

### **UNIT - III: Elements of Management**

- Principles of Management and Managerial Functions Like Planning, Organizing, Staffing, Directing and Controlling, Industrial Management
- Value of Human Relations in Management

### **UNIT - IV: Project Management**

- Introduction to Project Management

- Time of Progress Chart, Bar Chart, Gantt chart, CPM& Pert
- Planning Of Activities
- Allocation of Me to Various Activities
- Personal Management and Industrial Relations- Recruitments, Selection, Training, Wage and Salary Administration Related To Small Industries
- Costing- Methods and Techniques of Minimizing Cost
- Marketing- Concept and Functions, Marketing Mix, Product Planning, Salesmanship and Its Principles
- Sources Of finance
- Setting Up Of Small Scale Industry With Proper Knowledge Of Government Policies For financial Resources (Like Banks And Other financial Bodies).

**Reference Books:**

1. Entrepreneurship Development and Management By R. K. Singhal
2. Strategic Entrepreneurship by P. K. Gupta
3. Construction Management and Accounts By V. N. Vazirani& S. P. Chandola
4. Principles of Management By Y. K. Bhushan

# PRODUCT DESIGN-II

## BVID602

### Objective:

Students To Understand The, How To Construct The Different Types Of Products With Different Types Of Materials Like Metal, Wood, Clay, Plastic, Etc.

**UNIT - I:** Design And Make Any One Product In Metal Sheet Foil Or Out Of Waste Cans Or Boles (Glass, Plastic, N) Which Can Be Easily Cut With Scissors Or Cutters.

**UNIT - II:** Material- Clay/ Terracotta/ Les Design, Draw and Create Masks, Door Handles, Knobs of Clay Hand Work. Terracotta- Les And Work On Them With Ethnic Moves Create Wall Murals, Table Tops, Planters, Etc.

**UNIT - III:** Design On Sheets Different Types Of Furniture Items Like Different Types Of Tables, Chairs, Beds And Some Small Items Like Racks, Shelves, Bench, Planters, Etc.

**UNIT - IV:** One Furniture (With Joinery Details) To Be Constructed In Workshop, Polish, Painting, For The Purpose Of learning the finishes On Furniture.

### Reference Books:

1. Wood Bonding Handbook By Stevens & Turner
2. Indian Decorative Design By Aryan
3. Furniture in Colour By Synge

# VISUAL MERCHANDISING-II

## BVID603

### **Objective:**

Since The Background Of Display Is Therein Visual Merchandising, Students Are Given Knowledge Of Promoting Sales Of Products. Students Take up Assignments as Display on Lists or Exhibition Designer.

### **UNIT - I:**

- Design AMela/Carniva
- Difference between the Two, Importance of Exhibition Ex- Project on Mela (Surajkund or Diwali Mela)

### **UNIT - II:**

- Ex- Carnival in School or Colonies
- Christmas or New Year
- Design with Accessories and Props- The Project Planning and 3d Views in Colour

### **UNIT - III:**

- Exhibition Private (Of An Individual)
- Group Of Artists To Participate Under One Roof.
- Interior Designer, Furniture Designer, Accessories Designer, Light Designer New Material Introduction Ex- Planning And 3d Views in Colour

**UNIT - IV:** Exhibition Like Trade Fair, Weekend One Day Show Of Different States And Countries, Studio Project With Planning And Coloured Views As Presentation.

### **Reference Books:**

1. Image India By Dhamija
2. Indian Folk Art and Craft By Dhamija
3. Indian Cultures through The Ages By vidyarthi
4. International Shop Design By Kasper
5. Indian Architecture According To Silpsastra by Acharya

# INTERIOR DESIGN-II

## BVID604

### Objective:

The Objective Is To Make The Students Understand And Enable Them To Execute Commercial Interiors With Theme Of Style. Perspective in All Medium.

### UNIT - I:

- Introduction to Climatology, Climate & Role of Interior Designer.
- Design for Hot, Dry & Humid Climate. Implementing in Different Designs.
- Surveying – Definition, Objective & Its Types

**UNIT - II:** Coffee Bar With Book Magazines And Gift Stalls, A Special Souvenir Wall Of Their Brand Drawings Required:

- Plan, Elevations, Light/ Electric Plan, Special Effect of Walls, Ceiling and Exclusive Furniture 3d Views with Vibrant Colour Schemes.
- Coffee Shop 24 Hrs. At 5 Star Hotel With Breakfast Island, Lunch Buffet, At Night Sweet & Salad Bar For Minimum Covers Of 80 100. Drawings Required:
- Plan, Elevations, Light/ Electric Plan, Special Effects Of Different Display Of Meals (Breakfast, Lunch, Dinner, Etc.), 3d views in Colour Creating An Ambience To Attract All Age Groups.

**UNIT - III:** Unisex Beauty Parlour with Chai/ Coffee bar Area with Listed Eats

- The Parlour Must Have Latest Equipment's Drawings Required:
- Layout Plan, Special Light Required For Treatment
- 3d views with Colour and Special Furniture Required For Parlour

**UNIT - IV:** Apparel And Accessories Studio For All (Kids, Men And Women) All Age Group With Special Brand Like Zara, Benetton, Etc. With Window Display in Front Of the Shop. Special Display Counter for Display of Apparel and Racks for Stacking Drawings Required:

- Plan, Elevation with Special Wall Treatment, 3d Views in Colour and Highlight the Display Areas. In All Projects Drawings Required Would Be: Plan, Light/ Electrical Plan, Elevations, 3d views, Sketches Of Special Related Services and Areas Too.



**Reference Books:**

1. Colour Dictionary By Brasi & Workman
2. Indian History By Goyal
3. Floor Design By Sareen
4. Ideal Home Book Of Kitchen
5. Great Interiors By Grant
6. Encyclopedia For Color Theory
7. Interior Design By Ahmed A. Kasu
8. Surveying Vol. I, II And III By Dr. B.C. Punamia
9. Illustrated History Of Interior Decoration By Praz

# INTERIOR PROJECT (MAJOR PROJECT)

## BVID605P

**Objective:**

• Students must be able to handle the complete project and must understand how and from where to require the required material and get the work executed as an independent entrepreneur. Any one project to be taken up and complete with the given one.

**UNIT - I:** Projects: Mall, Medical Interior (Nursing Home, Poly Clinic, E.N.T. Or Dental Clinic) The student must study any one given project by visiting the existing sites; understand the working and requirement of the existing interior of the same. An independent presentation by the student in class. Then the project will be given by teacher to students.

**Drawing Required:** Layout Plan & Electric Plan, Special Furniture Requirements Creating proper ambience to make the area comply with bylaws. The standards and norms, elevations of existing areas with all types of finishes, 3D views in colour and all interior drawings to be made in AutoCAD & 3ds Max. After completing the project students must submit the necessary drawings, documentation and presentation of high professional standards and the entire design process and methodology must be meticulously documented.

**Reference Books:**

1. Colour Dictionary By Brasi & Workman
2. Indian History By Goyal
3. Floor Design By Sareen
4. Ideal Home Book Of Kitchen
5. Great Interiors By Grant
6. Interior Design Principles By M. Pratap Rao
7. Interior Design By Ahmed A. Kasu
8. Encyclopedia For Color Theory
9. Illustrated History Of Interior Decoration By Praz

**PROJECT-VI**  
**ON-JOB-TRAINING (OJT) TRAINING**  
**UPTO 8 WEEKS**  
**BVID606P**

The Students Will Have To Undergo A Minimum Of Six Weeks Internship Programme. It Will Be In Architect Office/ Or Under The Guidance Of A Recognized Interior Designer Specialized In House Designing To Understand Various Steps And Techniques Involved In Creation Of A Unique House Design . Students Can Choose A firm/office In India Or Abroad For Their Internship. College Will Provide A Certificate to

prove Their Identify. A Member Of The Faculty Will Supervise The Student During The Internship. Firm Must Have a Minimum of Two Years Exposure in House Designing And Construction.

At The End Of The Internship, The Students Should Prepare A Comprehensive Report. The Report And The Specimens Of The Work Done By The Student Should Be Attested By The Organization. Student Should Also Produce A Certificate Of Internship From The Organization. All The Above Details Should Be Submitted To The Head Of The Department For Evaluation. The Report Will Be Evaluated By The External And Internal Examiners Appointed By The University. Delayed, Incomplete Submissions Will Be Considered As Per The University Rules.







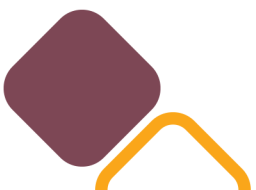
















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