



**KALINGA  
UNIVERSITY**

# SCHEME OF EXAMINATION & DETAILED SYLLABUS

For  
B. Voc. in  
INTERIOR DESIGN



*Kalinga University, Naya Raipur, Chhattisgarh*

# EVALUATION SCHEME

## B. VOC-INTERIOR DESIGN

Semester I							
Subject Code	Subject	L	T / P	Credits	Internal Marks	External Marks	Total
<b>BVID101</b>	Communication Skills	3	0	3	30	70	100
<b>BVID102</b>	Fundamentals of Information Technology	3	0	3	30	70	100
<b>BVID103</b>	History of Interior Furniture	3	0	3	30	70	100
<b>BVID104</b>	Fundamentals of Interior Graphics	3	0	3	30	70	100
<b>BVID105P</b>	Industrial Training/ On Job Training/ Workshop	0	36	18	50	150	200
<b>Total</b>		<b>12</b>	<b>36</b>	<b>30</b>	<b>170</b>	<b>430</b>	<b>600</b>

# 1<sup>ST</sup> SEMESTER

# COMMUNICATION SKILLS

# (BVID 101)

## 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

<b>Unit I: Introduction:</b>	<b>06</b>
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	
<b>Unit II: Language of Communication:</b>	<b>06</b>
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	
<b>Unit III: Speaking Skills:</b>	<b>06</b>
Monologue Dialogue Group Discussion Effective Communication/ Mis- Communication Interview Public Speech, Regional influences on English, Convergence and divergence, Linguistic Imperialism,	
<b>Unit IV: Reading and Understanding-</b>	<b>06</b>
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	
<b>Unit V: Writing Skills</b>	<b>06</b>
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, note taking etc. While, to an extent, the art of communication is natural to all living beings, in today'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.

**REFERENCE BOOKS:**

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, Dr. Ranjana Kaul, Dr. Brati Biswas

# FUNDAMENTALS OF INFORMATION TECHNOLOGY (BVID102)

## 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

# HISTORY OF INTERIOR FURNITURE (BVID 103)

## **OBJECTIVE:**

To familiarize the students with the historical interior and furniture in contemporary.

Objective of his course is to make the aware of historical backgrounds of World Interiors to derive designs and Patterns based on it for contemporary and Modern Interiors.

## **Unit I:**

Introduction: Pre-Historic:

Indus Valley Civilization: Methods of planning decorative features figures and forms used Cultural Features and life styles.

## **Unit II:**

Indian Handicrafts and Handlooms. Analysis of Hindu, Buddhist, Indo-Islamic interiors with special emphasis on decoration, ornamentation and motifs.

## **Unit III:**

Different Construction technique and materials used in interiors as part of structure/decorations with reference from influence of different factors or architectural forms and decorations such as Doors, Windows, Pillars, Columns, Paneling, Ceiling, Cornice frieze, Dado, Stone inlay and architectural decoration.

## **Unit IV:**

Different schools of Paintings in India. Influence of British Architectural on Indian Interiors and then gradual change in Architectural features in "British India".

## **REFERENCE BOOKS:**

1. History of Fine Arts in India and West by Edith Tomary
2. History of World Architecture by Sir Banister Flecher
3. Indian Architecture by Satish Kumar
4. Interior Design by Ahemad Kasu

# FUNDAMENTALS OF INTERIOR GRAPHICS

## (BVID 104)

### **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 in 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 drafting 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.

### **Unit IV:**

Measured Lettering

1. Presentation techniques and standards adopted, pen, pencils and brush.
2. Understanding of Architectural graphic symbol
3. Drawing of simple layout for single room – with furniture, accessories dimensions.

**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, Allyn and Bacon, Boston, 1981.
4. Building drawing, 3rd Edition- MG Shah, CM Kale, Tata Mcgraw – Hill Publishing, New Delhi.





**INDUSTRIAL TRAINING/ ON JOB TRAINING/  
WORKSHOP  
(BVID 105P)**



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