



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்

Manonmaniam Sundaranar University

**Syllabus for Advanced Diploma in Interior Designing
Programme offered through Directorate of Vocational Education
from 2023 -2024**



கல்விசார் நிலைக்குழுக் கூட்டம்

**MEETING OF THE STANDING COMMITTEE ON
ACADEMIC AFFAIRS HELD ON 15.06.2023**

Program Code: 5134

ADVANCED DIPLOMA IN INTERIOR DESIGNING

SCHEME OF EXAMINATION

Subject Code	Title Of The Course	Credit	Hours	Passing Minimum
SEMESTER I				
C23ID11 / E23ID01	Fundamentals of Design	6	90	40/100
C23ID12 / E23ID02	Colour. Lighting& Furniture Interiors	6	90	40/100
C23ID13 / E23ID03	Draftsmanship	6	90	40/100
C19CE10 / E19CE10	Communicative English	6	90	40/100
C23ID14 / E23ID04	Basic Drawings & Graphics	4	120	40/100
SEMESTER II				
C23ID21 / E23ID05	Building Components & Materials	6	90	40/100
C23ID22 / E23ID06	Estimation & Costing	6	90	40/100
C19LS23 / E19LS05	Life Skill	6	90	40/100
C23ID24 / E23ID07	Design Concepts – Core Furniture & Furnishings	6	120	40/100
C23IDP1 / E23IDP1	Draftsmanship – Practical – 1 / Internship	8	150	40/100
SEMESTER III				
C23ID31 / E23ID08	Furniture in Interiors	6	90	40/100
C23ID32 / E23ID09	Floriculture and Lanscaping	6	90	40/100
C23ID33 / E23ID10	Planning the life space	6	90	40/100
C23IDP2 / E23IDP2	Practical II- Furniture and Furnishings	4	120	40/100
C23IDP3 / E23IDP3	Practical III–Floriculture and Landscaping Practical	4	120	40/100
SEMESTER IV				
C23ID41 / E23ID11	Soft Furnishings	6	90	40/100
C23ID42 / E23ID12	Consumer and merchandising	6	90	40/100
C23ID43 / E23ID13	Kitchen Design	6	90	40/100
C23ID44 / E23ID14	Environmental control in Interiors	6	120	40/100
C23IDPW / E23IDPW	Project	10	180	40/100

Eligibility for admission: Pass in 12th std Examination conducted by the Govt. of Tamil Nadu Board of Secondary Education, Government of Tamil Nadu or any other equivalent Examination.

Examination : Passing minimum for each Course is 40%.classification will be done on the basis percentage marks of the total marks obtained in all of the Courses and given as below:

40% but less than 50% - Third Class
50%but less than 60% - Second Class
60% and above - First Class

Theory Paper Internal Marks-25
External Marks-75

SYLLABUS

SEMESTER I

Course I : Fundamentals of Design
Course II : Colour. Lighting & Furniture Interiors
Course III : Draftsmanship
Course IV : Communicative English
Course V : Basic Drawings & Graphics

SEMESTER II

Course VI : Building Components
Course VII : Estimation & Costing
Course VIII : Life Skill
Course IX : Design Concepts – Core Furniture & Furnishings
Course X : Draftsmanship – Practical - 1

SEMESTER III

Course XI : Furniture in Interiors
Course XII : Floriculture and Lanscaping
Course XIII : Planning the life space
Course XIV : Practical II- Furniture and Furnishings
Course XV : Practical III–Floriculture and Landscaping Practical

SEMESTER IV

Course XVI : Soft Furnishings
Course XVII : Consumer and merchandising
Course XVIII : Kitchen Design
Course XIX : Environmental control in Interiors
Course XX : Project

***(Semester Pattern for Community College Only)**

Program Objectives

- Communicate effectively using interpersonal skills.
- Utilize evidence-based interventions to achieve optimal adaptation.
- Safely perform and prioritize appropriate human care skills.
- Employ appropriate thinking to safely and effectively provide human care.

C23ID11/E23ID01 FUNDAMENTALS OF DESIGN

UNIT I

- 18 HOURS

Concept of Interior Design-Meaning of Interior Design and Interior Decoration. Historic review of Interior Decoration in India. Place of Interior Decoration in the modern era. Good Taste-Meaning, importance and how to develop a good taste .Objectives of Aesthetic PlanningBeauty, Expressiveness, Functionalism.

UNIT II

- 18 HOURS

Design – Definition, Meaning, Purpose. Types of design – Structural and Decorative – Requirements of good structural and good decorative designs. Classification of decorative designs – naturalistic, conventional, historic, geometric, biomorphic, abstract.

UNIT III

- 18 HOURS

Elements of design – Meaning and Importance. Line and direction, form and shape, size, colour, light, ornamentation, texture and space – Application of elements to form designs.

UNIT IV

- 18 HOURS

Principles of design – Balance, rhythm, emphasis, harmony, proportion - Meaning and application of design concepts in the interior and exterior houses and other commercial buildings.

UNIT V

- 18 HOURS

Development of design from motives and application. Man as a consumer of design, qualities and role of a good interior designer, interior design – career options. Application of design in interior decoration.

REFERENCES

1. Levine, M (1988) Living rooms, Rockport publishers,USA
2. Steapat, D.D., (1971), Introduction to Home Furnishing,The Mac millonCo,Newyork.
3. Pratap R.M (1988) Interior design principles and practice, Standard publishers distribution,Delhi
4. Faulkner,S.,andFaulkner.R,(1987),InsideToday’sHome,Rinehartpublishingcompany,New york..
5. Anna.H.Rutt (1961); Home furnishing, John Wiley Eastern Pvt Ltd,Newyork.

C23ID12/E23ID02 : COLOUR, LIGHTING AND FURNITURE INTERIOR

UNIT I

- 18 HOURS

Concept of colour. Significance of colour in the interiors and exteriors. Dimensions of colour– Hue, value and intensity, Effects of Hue, value and intensity. Colour therapy. Colour systems – Prang, Munsell and Ostwald. Colour harmonies-Mechanical- related and contrasting. Non mechanical-readymade and nature based. Factors considered in selecting colour harmonies.

UNIT II

- 18 HOURS

Application of colour harmonies in the interiors and exteriors – Effect of light on colour– illusion of colour, psychology of colour. Importance of lighting. Artificial lighting – Light sources, Types – based on material, reflection, uses. Specific factors in lighting – measurement of lighting, location and direction, size and shape and colour. Economy in lighting. Psychological aspects of lighting. Glare- its types, causes and prevention.

UNIT III

- 18 HOURS

Accessories-Meaning, Types-functional, decorative, both functional and decorative. Lighting accessories- fixtures, Lighting for areas and specific activities.

UNIT IV

- 18 HOURS

Styles of furniture – traditional, contemporary and modern design. Furniture for different purpose – meaning need, factors influencing – climatic condition, family needs and preferences, availability, principles of design and financial limit. Familiar furniture materials – Wood – teak, rose wood, walnut, cedar, mahogany, pine, birch, sal, ply wood, bamboo, cane, metals, plastics, leathers, PVC.

UNIT V

- 18 HOURS

Construction features of furniture – shaping, carving, turning, fluting, reeding, joining and finishes, upholstering – techniques and designs. Care and maintenance – wooden furniture, wicker and cane, metal furniture, plastic, PVC, upholstered furniture, wood finishes and furniture polishes.

REFERENCES

1. Faulkner,R.andFaulkner,S.(1987),InsideToday'sHome,Rinehartpublishingcompany,NewYork ..
2. Judy.M,(1994),Color-How to see, how to paint it, Harpen calling publishers,London.
3. John.F.P, (1997), Color in Interior Design,Mc Graw Hill company, NewYork.
4. Jan orcharchd (1993) Lighting for a beautiful home, Dune style publishing Ltd.,USA.
5. Stawart and Sally.W, (1997), The complete home decorator, Annes publishers ltd, NewYork.
6. Stepat, D.D, (1971), Introduction to Home furnishings, The Mac Millan Co, NewYork.
7. Wilhide, E and Cope stick, I. (2000) contemporary decorating, conron octopus Ltd.,London.
8. Levine M (1998), Living rooms, Rockport publishers,USA.

C23ID13/E23ID03: DRAFTSMANSHIP

UNIT I

- 18 HOURS

Introduction to draftsmanship. Drawing office organization, layout of drawing studio. Need for training, Duties. Determining needs and wishes of the client. Relationship between two dimensional and three dimensional diagrams. Symbols –Importance, Architectural symbols, structural symbols, door symbols, window symbols.

UNIT II

- 18 HOURS

Drafting Tools and Techniques – Drawing tools and their uses. Techniques adopted to handle the tools, Types of scales. Drafting mediums - Tracing paper, tracing cloth, water color paper, sketch paper, vellum, polyester film. Water supply – In residential building, multi-storied buildings. Sanitation –traps, waste water disposal- inspection chamber, septic tank and ventilation systems, sanitary fixtures and fittings, plumbing systems.

UNIT III

- 18 HOURS

Layout of drawing sheets and title block Lines – types of lines, thickness of lines, hatching of section. Lettering

– Types, Requirements of good lettering, size of letters and numerals, space between letters, recommended height of letters, lettering technique. Orthographic projection – theory of orthographic projection, multi view orthographic projection, method of drawing section.

UNIT IV

- 18 HOURS

Dimensioning – general principles, precaution in dimensioning, method of placing dimensions, unit of dimensioning, method of executing dimension, arrow heads. Isometric projection - need for study, pictorial drawings, isometric projection definition, principles, characteristics, isometric view and isometric projection.

UNIT V

- 18 HOURS

Geometrical constructions Technical sketching – introduction – importance of freehand sketching, principles of free hand sketching - Perspective view - theory of perspective projection, technical terms in relation with perspective, classification of perspective, methods – one point perspective and two point perspective. Rendering Techniques _ Tools used in rendering- pencil, eraser, short-bristled stipple brush, mechanical lines. Different textures, materials used in buildings, floor finishes, shadows.

REFERENCES :

1. Pratap. R.M (1988), Interior Design, Principles and Practice, Standard Publishers distribution, Delhi.
2. Natrarajan.K.V (1994), A Text book of Engineering drawing self – publication, Chennai.
3. Birdie.G.SandBirdie.J.S(2003), Civil Draughtsmanship, Theory and Practice. Dhanpat Rai publishing company (P) Ltd., New Delhi.
4. Venugopal.K.(2004) Engineering Graphics, 5th edition, New Age International Publishers, New Delhi.
MAGAZINES Architectural Digest Inside Outside Society interiors House Layouts.

C19CE10/E19CE10 - Communication Skills

1. Basic Grammar: - 18 HOURS
 - a. Review of grammar
 - b. Remedial study of grammar
 - c. Simple sentence
 - d. Word passive voice etc.

2. Bubbling Vocabulary: - 18 HOURS
 - a. Synonyms
 - b. Antonyms
 - c. One – word Institution

3. Reading and Understanding English - 18 HOURS
 - a. Comprehension passage
 - b. Précis – writing
 - c. Developing a story from hints.

4. Writing English - 18 HOURS
 - a. Writing Business letters.
 - b. Paragraph writing
 - c. Essay writing
 - d. Dialogue writing

5. Speaking English
 - a. Expressions used under different circumstances
 - b. Phonetics

Reference :

1. V.H.Baskaran – “English Made Easy”
2. V.H.Baskaran – “English Composition Made Easy” (Shakespeare Institute of English Studies, Chennai)
3. N.Krishnaswamy – “Teaching English Grammar” (T.R.Publication, Chennai)
“Life Skill” – P.Ravi, S.Prabakar and T.TamzilChelvam, M.S.University, Tirunelveli

C23ID04/E23ID04- BASIC DRAWINGS & GRAPHICS

Unit -1-

- 18 HOURS

Story of Design What is Design- Introduction to design -Role of Design in Society - Impact/function of Design - Indigenous Design Practices - Finer Communication Techniques (Gutenberg to Digital; movable types to digitally transferable posters/works etc.) - Printing/publishing technology. Role of design in the changing social scenario. Role and responsibility of Designers.

Unit- II

- 18 HOURS

Basic Design: Development of aesthetic sensibility towards design - Elements of Design: (line, shape, Forms, space, colours etc.) -Principles of Design: Unity- Harmony, Balance, Rhythm, Perspective, Emphasis, Orientation, Radiation, Repetition and Proportion.

Unit-III

- 18 HOURS

Calligraphy and Typography - Practice of writing by hand on the basis of study of traditional way of hand writing and script like Indian manuscripts, Persian, Chinese, Japanese and roman etc. Classification of the different types with their names and character, mode, weight, orientation, position & sizes.

Unit IV –

- 18 HOURS

Society and Articulation: Design , Motifs, Patterns, etc. from society - Study, interact, observe and document the socio- cultural, prejudices and beliefs to form the clear understanding of the role motif place in communications system.

Unit : V

- - 18 HOURS

Introduction to Computer: Creation, Modification and Presentation - Expression of artistic skills through different suitable software for producing digital images. Sketching and drawing -Sketching of natural and man made object and environment. Construction drawing.Representational drawing Simplification Drawing

Referance Books

1. Basic Perspective Drawing: A Visual Approach by -John Montague 6th Edition,John Wiley & Sons, Inc.
2. Computer-aided Drawing and Design by by B. L. Davies & A. J. Robotham& A. Yarwood (auth.)
3. Computer Graphics: Principles and Practice by by John F. Hughes & David F. Sklar&James D. Foley & Steven K. Feiner& Kurt Akeley
4. Fundamentals of Computer Graphics by Marschner& Steve & Shirley & Peter - Fourth Edition – CRC Press- boca Raton – London

C23ID21/E23ID05 -BUILDING COMPONENTS AND MATERIALS

NUMBER OF CREDIT HOURS :

SUBJECT DESCRIPTION : This course presents the components of buildings , various building materials and methods of construction.

OBJECTIVES: Enable the students to 1.Become aware of the existing building materials and components. 2.Develop aesthetic concept of using building materials.

UNIT – I - 18 HOURS

Components of building - Foundation-Meaning, Functions, Types –Shallow – stepped, inverted arch, raft, grillage, cantilever. Deep – pile, pier, well. Masonry units – Meaning, Components and functions – Walls, Floors, Roofs.

UNIT – II - 18 HOURS

Beams, Columns, Lintels, Arch, Staircase ,Lift and Escalators – Meaning, Technical terms and Types.

UNIT – III - 18 HOURS

Building Materials –Stone, Brick, Cement, Sand, Timber, Steel, Plastic and Concrete – Classification, Qualities and Uses.

UNIT – IV - 18 HOURS

Masonry–Plastering,Mortar,Stonemasonry–rubbleandashlar.Brickmasonry – Header,Stretcher,English andFlemish.

UNIT – V - 18 HOURS

Methods of construction – Framed structure and Load bearing walls, Prefabrication, cast – in site. Recent advances in building materials.

REFERENCES:

1. Ostrow.J. (2001), Painting rooms, Rockport publishers,USA.
2. Clifton.c.etal, (1995), The Complete Home Decorator, Conran octopus Ltd,London.
3. Spancer, H. and Churchill, (1990), Classic English Interiors, Anaya Publishers Ltd,London.
4. Innes,J. (1990), Exterior Detail, Collins and Brown Ltd,London.
5. Love.G. (2000), Insideout, Conron octopus Ltd,London.

C23ID22/E23ID06 - ESTIMATION & COSTING

Unit-I: Estimate

- 18 HOURS

Principle of estimation, units, item work, different kinds of estimates, different methods of estimation, estimation of materials in single room building, two room building, multi storey buildings, with different sections of walls ,foundation, floors and roofs, R.B and R.C.C works, Plastering, white washing, Distempering and painting, doors and windows, lump sum items, Estimates of canals, dams, barrages, Hilly roads etc.

Unit-II Specification of Works:

- 18 HOURS

Necessity of specification types of specification, general specification, specification of bricks, cement, sand, water, lime, reinforcement, detailed specification for earthwork, cement, concrete, brickwork, flooring, D.P.C, R.C.C, cement plastering, white and colour washing, distempering, painting.

Unit-III Rate analysis

- 18 HOURS

Purpose, importance and requirements of rate analysis, units of measurement preparation of rate analysis. Procedure of rate analysis for items: Earth work, concrete works, R.C.C works, reinforce brick work ,plastering ,painting ,finishing (white washing ,distempering)

Unit-IV Public Works Account

- 18 HOURS

Tender and acceptance of tender, Earnest money, security money, retention money, measurement book, cash book, preparation, examination and payment of bills, first and final bills, administrative sanction, technical sanction.

Billing: maintenance of muster role, preparation of pay bill, measurement of work for payment of contractors.

Different types of payment: first & final, running advance and final payment.

Valuation: Purpose of valuation, principles of valuation depreciation, sinking fund, salvage & scrap value, valuation of a building: cost method, rental –return method.

Reference Books:

1. Dutta BN, Estimating & costing. Rangwala SC Estimating & Costing, Anand Charotar Book Stall.
2. Chakraborty, Estimate costing & specification in Civil Engineering.
3. 2. Kohli & Kohli, A text book on estimating & costing (Civil) with drawings Ambala Ramesh Publications.

C19LS23/E19LS05 : LIFE SKILLS

Unit - I Life Coping or adjustment

- (a) External and internal influence in one's life
- (b) Process of coping or adjustment
- (c) Coping with physical change and sexuality
- (d) Coping with stress, shyness, fear, anger far live and criticism.

Unit - II Attitude

- (a) Attitude
- (b) Self acceptance, self – esteem and self actualization (c) Positive thinking

Unit - III Problem Solving

- (a) Goal Setting
- (b) Decision Making
- (c) Time Management and stress Management.

Unit - IV Computers

- (a) Introduction to Computers (b) M.S.Office
- (c) Power Point

Unit - V Internet

- (a) Introduction to internet (b) E – mail
- (c) Browsing

References:

1. 1) Life Skill Programme course I & II by Dr. Xavier Alphona MCRDCE Publications. R.K.Mutt Road, Chennai – 28
2. “Life Skill” –P.Ravi, S.Prabahar&T.TamilChelvam, M.S. University, Tirunelveli

C23ID24/E23ID07/Design Concepts – Core Furniture & Furnishings

NUMBER OF CREDIT HOURS : 3

SUBJECT DESCRIPTION:

This practical paper contains the design development, motif development, display of art objects, arranging different areas of an interior. OBJECTIVES: To draw different types of design, develop design by using motifs. Acquire skill in arranging different areas of a house by using principles of design.

&

And also designing of furniture for various purposes and construction of curtains and draperies. OBJECTIVES: To enable the students to draw different types of furniture and evaluating them. Develop skill in construction of soft furnishings and types of pleats.

CONTENTS:

- 18HOURS

1. Draw structural/ decorative design and comment on its features.
2. Draw a decorative design of your own interest by showing the method of application in greeting card/ art objects.
3. Evaluate the given art objects. **- 18 HOURS**
4. Develop a motif suitable for foot mat/ window grill/table mat/furnishing materials.
5. Display art objects showing the principle of design.
6. Arrange a living room / drawing room / pooja room / bed room / Adolescent boy / girl's room / children's room showing any colour harmony and principles of design.
7. Arrange a birthday party for a preschool child. Arrange an area for multipurpose activities.

&

1. Draw different types of furniture with regard to activity **- 18 HOURS**
2. Evaluate the given furniture in terms of materials, construction details, uses care and maintenance, age group, hours of use, durability, budget.
3. Construct curtains, cushions pillow covers with different types of pleats. **- 18 HOURS**
4. Drawing of furniture templates. Placement of furniture in various rooms-living room, bed room, dining room

~~~~~

## C23IDP1/E23IDP1: COREPRACTICALII–DRAFTSMANSHIP

### NUMBER OF CREDIT HOURS :3

**SUBJECT DESCRIPTION:** This course deals with the effective use of drafting tools to draw pictorial and perspective drawing.

**OBJECTIVES:** To enable the students to make use of drafting tools. To draw pictorial and perspective drawing.

### CONTENTS

1. Architectural lettering. - - 72 HOURS
2. Pictorial drawing – orthographic, isometric drawings–Geometrical constructions–table, chair, staircase, rooms.
3. Perspective drawings – Visualray method, Vanishing point method–one point perspective and two point perspective.
4. Kitchen drawings – Types and three dimensional view (isometric view).
5. Rendering and presentation - Blue prints and ammonia prints.
6. Submission of record.

## C23ID31/E23ID08/ FURNITURE IN INTERIORS

### OBJECTIVES:

To enable the students to

1. Learn about the types and importance of furniture.
2. Know about the selection, care and arrangement of furniture.

### UNIT-I

Styles of furniture – traditional, contemporary and modern . Furniture for different purpose – meaning need, factors influencing – climatic condition, family needs and preferences, availability, and financial limit.

### UNIT-II

Familiar furniture materials – Wood – teak, rose wood, walnut, cedar, mahogany, pine, birch, sal and Ply wood, Bamboo, Cane, Metals, Plastics, Leathers.

### UNIT-III

Selection and arrangement – Furniture for various rooms –Living room, dining room, bedroom, kitchen, study room, office. Principles of design in furniture arrangement.

### UNIT-IV

Construction features of furniture – shaping, carving, turning, fluting, reeding, joining and finishes. Upholstering – techniques and designs.

### UNIT-V

Care and maintenance – wooden furniture, wicker and cane, metal furniture, plastic and upholstered furniture. Wood finishes and furniture polishes.

### REFERENCES:

1. Stepat, D.D, (1971), Introduction to Home Furnishings, The Mac Millan Co, New York.
2. Wilhide, E and Cope stick, I. (2000) Contemporary Decorating, Conron Octopus Ltd., London.
3. Levine M (1998), Living rooms, Rockport Publishers, USA.
4. Faulkner.RandFaulkner.S,(1987),Inside Today's Home,RinehartWinston, New York.
5. Mullick.P, (2000), Textbook of Home Science, Kalyani Publishers, New Delhi.

## C23ID32 / E23ID09 - FLORICULTURE AND LANDSCAPING

### OBJECTIVES:

To enable the students to

1. Understand the importance of plants in landscape gardening.
2. Gain knowledge on propagation methods
3. Obtain practical knowledge in home gardens and indoorplants.

### UNIT-I

Floriculture – Meaning, concept and importance. Ornamental plants – classification – annuals, biennials and perennials. Flowering and foliage shrubs, trees, climbers and creepers, cacti and succulents, ferns, palms, hardy bulbs and tender bulbs.

### UNIT- II

Propagation methods – Sexual and asexual methods of propagation- division, cutting, layering, grafting, budding and tissue culture.

### UNIT-III

Ornamental plant protection methods – cultural, chemical and mechanical. Pest and disease control. Care and maintenance of ornamental plants.

### UNIT-IV

Landscaping – Meaning and importance, Types of garden, garden components, garden design – formal and informal, principles of landscape gardening.

Lawn – importance, preparation, methods of cultivation, use, maintenance, types of lawn.

Indoor plants – potting and repotting techniques.

### UNIT-V

Modern trends in gardening – Terrace Garden, Rock Garden, Terrarium, and Bonsai culture. Developing ornamental plants in Home garden for flats – roof garden, hanging garden. Flower arrangement – styles, types, shapes in flower arrangement. Steps in making flower arrangement.

### References:

1. Ross, R. (1999), Colorful Gardening – Bulbs, Ryland Peters and Small, London.
2. Scott – James, A. (1995), Perfect Plant Perfect Garden, Corner Octopus Limited, London.
3. Too good, A. (1995), Designing with House Plants, Grange Books Publication, London.
4. Carter, G. (1977), Gardening with Containers, Ryland Peter and Small, London.

## C23ID33/E23ID10/ PLANNING THE LIFE SPACE

### OBJECTIVES:

To enable the students to

1. Develop skill in drawing house plan for different income groups.
2. Acquire knowledge in recent building Materials.

### UNIT I

Space for living – Concept of space, factors influencing living space, Location and Orientation, Planning objectives- utility, economy, beauty and character. Need for space, space occupancy. Merits and demerits of owned and rented house.

### UNIT II

Significance of housing – functions of house, selection of site, Types of house plans- site plan, floor plan, elevation, cross-section, perspective view. Satisfaction in – individual houses, multi –storied flats, row houses, one room apartments.

### UNIT III

Division of space – private, public, work and traffic – definition, utility, determinants. Utility space – laundry facilities.

### UNIT IV

Principles of House plan – Aspect, orientation, prospect, privacy, grouping, roominess, flexibility, circulation, furniture requirements, sanitation, practical considerations.

### UNIT V

Methods of construction - Types of construction – meaning, basic knowledge in types of construction – load bearing and non-load bearing or framed structure. Cast in Site and Prefabrication – advantages and limitations.

### REFERENCES:

1. Prabhakar, L.V. (1998), Vasthu – The User's Manual, The Avenue Press, Chennai.
2. Deshpande, R.S. (1974), Build Your Own Home, United Book Corporation, Poona.
3. Riggs, R. (1992), Materials and Components of Interior Design, Prentice Hall of India Pvt.Ltd, New Delhi.
5. Rao, C.H.G. (1995), Plants for Small Houses, Jai Ganesh offset Printers, Chennai.
6. Faulkner, R, and Faulkner s. (1987), Inside Today's Home, Rinehart Publishing Company, New York



## **CORE PRACTICAL**

### **C23IDP2/E23IDP2/ FURNITURE AND FURNISHINGS**

#### **CONTENT**

1. Develop different types of furniture designs with regard to activity
2. Evaluate the furniture in terms of materials, construction details, design, use, care and maintenance, age group, hours of use, durability and budget.
3. Types of stitches, seams and pleats
4. Construct curtains using different types of pleats.
5. Developing furniture templates for different furniture.
6. Planning furniture layouts for different rooms and activities using templates - Living room, bed room and dining room.
7. Preparation of records – collection of furniture designs for different activities, different materials, market survey of furniture, making cut outs of furniture.
8. Submission of Record.

## CORE PRACTICAL

### C23IDP3/E23IDP3- FLORICULTURE AND LANDSCAPING

#### **OBJECTIVES:**

To enable the students to

1. Gain knowledge on raising flowergardens.
2. Understand the methods of cultivation aspects of flowers.
3. Acquire skill in flowersarrangement.

#### CONTENTS:

1. Identification of important flowering plants, shrubs and other ornamental plants.
2. Preparation of cutting, layering, budding andgrafting
3. Making different styles of flowerarrangement
4. Drawing different landscape plans.
5. Preparation ofrecord.

#### RELATED EXPERIENCES:

1. Visit to Landscapegardens.
2. Maintaining a model landscape area and estimating thecost.

## C23ID41/E23ID11 SOFT FURNISHINGS

### OBJECTIVES:

To enable the students to

1. Learn about types of windows and window treatments.
2. Develop skills in construction of curtains.

### UNIT-I

Soft furnishings – Meaning, Importance – relationship of furnishings with space, selection and use of furnishings – functional and decorative.

### UNIT-II

Window Treatments – Types of windows, curtains, draperies, hanging curtains - types of pleats, pelmets and valances, accessories, blinds and shades.

### UNIT-III

Types of furnishings - Cushion, cushion covers, slip covers, bed linens, Table linens, kitchen linen, and bath linen .

### UNIT-IV

Floor coverings - Carpets –Meaning, Importance, Types – woven and non- woven, selection and laying – factors to be considered, Rugs –Meaning, Types –room size, area, scattered, accent. Difference between carpets and rugs.

### UNIT-V

Care and maintenance of soft furnishings – stain removal, mending and darning, laundering, storage of furnishings.

### REFERENCES:

1. Philips B, (2000), Hamlyn Book of Decorating, Octopus Publishing Ltd, London.
2. Clifton.c. etal (1991), The Complete Home Decorator Conran Octopus Ltd, London.
3. Luke. H., (1996), Soft Furnishings, New Holland Publishers Ltd, Singapore.
4. Stepat, D.D, (1971), Introduction to Home Furnishings, The Mac Millan Co, New York.
5. Wilhide, E and Copestick, I. (2000) Contemporary Decorating, Conran Octopus Ltd., London.
6. Levine M (1998), Living Rooms, Rockport Publishers, USA.

## C23ID42/E23ID12- CONSUMER ANDMERCHANDISING

### OBJECTIVES:

To help the students to

1. Learn about the need and use of commercialart.
2. Encourage the student to apply theoretical knowledge in arranging the interior and window of astore.
3. Know the current trends in commercialart.

### UNIT-I

Concept of commercial art and merchandising – Meaning, classification, development of commercial art. Recent trends –art, architecture and display. Significance of display – interior and exterior.

### UNIT-II

Consumer and Merchandising – Meaning, significance and classification of consumer, Consumer rights and responsibilities, classification of consumer goods, elements involved in merchandising – grading, branding, labeling, packaging and standardization.

### Unit-III

Merchandising and distribution – Importance, selection of channels, channels of distribution of goods, techniques of merchandising – sellingmethods.

### UNIT-IV

Salesmanship – concept, definition, types and qualities of salesman – techniques of salesmanship.

### UNIT-V

Advertisement – Definition, importance, classification, features of good advertisement, preparation and techniques. Advertisement media – selection, classification and types, poster – importance, characteristics, steps and techniques in poster making.

### REFERENCES:

1. Pattanchetti, C.C., Reddy. P.N., (1995), Marketing, Rainbow Publisher, Coimbatore.
2. Nair, R. (1994), Marketing, Sultan Chand and Sons Educational Publishers, New Delhi.
3. Nisra, M.N. (1994), Sales Promotion and Aadvertising Management, Himalaya Publishing House, Bombay.

## C23ID43/E23ID13- KITCHEN DESIGN

### OBJECTIVES:

To enable the students to

1. Gain knowledge in different materials used for various surfaces in kitchen.
2. Develop skill in planning different layouts.

### UNIT-I

Kitchen planning – Functions performed in a kitchen, types of kitchen, principles of planning kitchen – orientation and location, ventilation, storage needs, work triangle, colour, light and safety.

### UNIT-II

Kitchen geometry – work heights and space dimension of different work areas and storage areas, anthropometric measurements of an individual worker and its application to kitchen layout designing.

### UNIT-III

Materials and finishes – Various materials and finishes used in kitchen – floor, walls, ceiling, sink, platforms, storage - their advantages and disadvantages.

### UNIT-IV

Essential services needed in a kitchen. Water supply – hot and cold, tapping, water purifiers. Electricity services – electric current, exhaust fans, electrical equipment and their locations. Drainage services – Waste water drainage system, Solid waste disposal.

### UNIT-V

Kitchen storage – principles of kitchen storage, storage areas in kitchen and its dimensions, hand operated tools and their location. Care and maintenance of storage.

### REFERENCES:

1. Alexander, N.J (1972), Designing Interior Environment, Havanouich Inc.,
2. Faulkner, R., and Faulkner. S, (1987), Inside Today's Home, Rinehart Publishing Company, New york.
3. Riggs, R. (1992) Materials and Components of Interior Design, Prentice – Hall of India Pvt Ltd., New Delhi.
4. Allen dizik (1988), A Concise Encyclopedia of Interior Design, 2nd edition, van nos – trend reinbold, Newyork.
5. Varghese.M.A. etal., (1994), Ergonomics in Kitchen Design, Bombay.

## C23ID44/E23ID14/ ENVIRONMENT CONTROL IN INTERIORS OBJECTIVES:

To enable the students to

1. Understand the importance of environment control in the interiors.
2. Acquire knowledge on the different types of heating and cooling systems.

### UNIT-I

Environment control – meaning of environment, importance of environment control, advantages, elements to be controlled in the interiors – Temperature, air quality, sound, sanitation, light.

### UNIT-II

Ventilation – Definition, Functional requirements of a ventilation system, importance, Types of ventilation – Natural and mechanical Guidelines for natural ventilation.

### UNIT-III

Thermal insulation – General principles, Need for room heating, types of heating system – central, radiant, forced air; solar system – Active solar system and passive solar system. Heat insulating materials.

### UNIT-IV

Air conditioning – Meaning, Principles, need for air-conditioning, air conditioning applications, Humidity control, types of air conditioning - central air conditioning, and packaged. Essentials of an air-conditioned system.

### UNIT-V

Acoustics and sound insulation – Definition, objectives, requirements of good acoustics, properties of sound, common acoustical defects; Sound absorption – sound absorbent materials, qualities of acoustic material, general principles in acoustical design.

### REFERENCES:

1. Pratap R.M (1988) Interior Design Principles and Practice, Standard Publishers Distribution, Delhi.
2. Faulkner, S., and Faulkner. R, (1987), Inside Today's Home, Rinehart Publishing Company, New York.
3. www.wikipedia.org Air conditioning.
4. Park, K (1995), Text Book of Preventive and Social Medicine, Banaridas Bhanot Publishers, Jabalpur.
5. Punna, B.C (1995), A. Text book of Building Construction, Lakshmi Publication Pvt. Ltd., New Delhi.

\*\*\*\*\*

### **C23IDPW/E23IDPW PROJECT**