FURTHER DETAILS REGARDING MAIN TOPICS OF
PROGRAMME No. 11/2020 (Item No: 41,42&43)

JUNIOR INSTRUCTOR (INTERIOR DECORATION AND
DESIGNING)
INDUSTRIAL TRAINING DEPARTMENT


MODULE I: ELEMENTS OF INTERIOR DESIGN

Definition of interior design-Differentiate between interior design and interior
decoration, role of interior designer.
Elements of interior design - point - line - curved line and straight line -
horizontal, vertical and diagonal - plane - base plane, wall plane, overhead
plane - Form - geometric and natural-shape - square, rectangle, triangle,
circle - their role in visual perception.
Colour - Definition, Qualities - hue, value and intensity; Tint and shade;
Classification of colours on the colour wheel - primary, secondary and tertiary
colours; Warm and cool colours, light, dark and dull colours; Colour schemes-
Related colour scheme - Monochromatic and analogous colour schemes;
Contrasting colour scheme - complementary, double complementary, split
complementary; triad; Psychological effect of colours.
Texture - Definition, tactile and visual textures, explanation of rough and
smooth textures - their role in visual perception.

MODULE II: LIGHTING IN INTERIORS

Light - Introduction of natural and artificial light - importance of artificial
lighting - different types of artificial lighting - general, task and accent.
Different types of lighting arrangements - Direct lighting - Angular lighting-
Down lighting - Eyeball fitting - Track lighting - Shade lighting; Indirect lighting -
cove lighting - valance lighting - cornice lighting.
Types of lamps - Incandescent, Tungsten halogen, Florescent, Mercury,
Sodium vapour, LED.
Lighting for different spaces - living room, dining, bed, kids’ room, bathroom,
kitchen, study, corridor, stair, cafeteria, restaurant, entrance hall/lobby of
hotel, etc.
MODULE III: PRINCIPLES OF INTERIOR DESIGN

Practical applications - role of form, colour, texture and light in creating balance, harmony, contrast, rhythm, etc.

MODULE IV: ARCHITECTURAL SPACE

Definition of space, interior space, exterior space, transitional space;
Characteristics of interior space-Quantity and Quality;
Space modulation- definition, structural alteration – removing or adding walls, ceiling, windows, doors; qualitative alteration – expanding and lessening space using colour, texture, pattern, mirror, furnishings.
Psychological effect of interior space-people's response to specific spatial factors like size, shape, color, illumination, windows, space organization and furnishings.

MODULE V: ENCLOSING AND TRANSITIONAL ELEMENTS

Enclosing elements: Wall, Ceiling, Floor- their functions, forms and role in visual perception.
Transition elements: Doors, windows, stairs and corridor.
Doors: Framed and paneled door, Glazed door, Flush door, Louvre door, Wire gauged door, Revolving, Sliding (Aluminium), Swing door.
Windows: Casement window, Sliding window, Sash window, Louvre window, Bay window, Corner window, Dormer window, Gable window, Sky light window.
Stairs: Requirement and placement of good Staircase- Basic terminology of R.C.C. Stair - Types of stairs-Straight, Quarter turn, Half turn (Dog legged), Three quarter turn, Bifurcated, Open newel, Geometrical, Circular, Spiral.

MODULE VI: FURNITURE IN INTERIORS

Classification according to materials used, Functional classification.
Importance of anthropometric and ergonomics - ergonomic factors of furniture design-chair-table-work stations; Fitted furniture- its characteristics and application -design of work counters and work stations- Modular furniture. Barrier free design -special needs for persons with disabilities in interior design.

MODULE-VII: MATERIALS FOR INTERIORS


MODULE-VIII: CURTAINS, BLINDS AND INDOOR PLANTS

Curtains and drapes - function-terminology-materials- different types-  

Grommet Curtains (Eyelet), Sheer Curtains, Rod Pocket Curtains, Tab Top Curtains, Pelmets and Valances, Window Scarf, Cafe Curtains, Pleated Drapes- Pinch Pleat Drapes, Goblet Pleat Drapes, Pencil Pleat Drapes, Cartridge Pleat Drapes, Tuxedo Pleat Drapes, Box Pleat Drapes.

Blinds - roller blinds, Roman blinds, pull-up (balloon) blinds, festoon or Austrian blinds, match stick or pinoleum blinds, bamboo blinds, venetian blinds, vertical louvre blinds.

Role of plants in interior landscaping- Functions of indoor plants, the ideal indoor plant, Ideal conditions for an indoor plant, Selection of plants for various interiors.

REFERENCES:

1. Time Saver Standards for Interior design
2. DK Ching - Interior Design Illustrated
3. DK Ching - Form, Space and Order
4. Ahmed A Kasu - Interior Design
5. Rangwala - Building construction

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