

Name of the Programme: NEP

Course Code: 2nd Semester

**Name of the Course: Interior designing and Concept
Full marks 50**

Courses	Course Title	Course Credits	No. of Hours per Week
Sec-2	Elementary Study of Interior design and Concept	3 Credits	4 hours

Pedagogy: Classroom lecture, Practical, Problem solving, ICT, Tutorials, Group discussion, Seminar, Performance, field work, etc.

General Learning Objectives

- To familiarize the students of Interior Design on material and construction methodology.
- To help students to learn & understand the techniques of various methods of drawing.
- To make them understand the use of colours & the effects in drawing.
- Understanding various design principles such as emphasis, balance, contrast, Harmony, Unity etc., and applying them in

		<p>two-dimensional and three-dimensional compositions.</p> <ul style="list-style-type: none"> • Understanding and applying design elements such as Point, Line, shape,color,texture,area,mass,volumeetc. • Critical analysis of design ofexisting man made objects, aiding self-criticismofdesign. • Drawing inspiration from nature as a source for design.
Unit	Unit Title	Contents
I	MATERIALS & CONSTRUCTION	<p>A. INTRODUCTIONTOMATERIALS Wood - Soft and hardwood, plywood, laminated wood and particle boards – properties,manufacture&uses. Synthetic Materials – Different types of Glass, their properties, manufacturingprocesses and uses. Plastics – injection molding & other manufacturing methods,etc. Fabrics–textile,Jute,leatheretc.differenttypesandtheiruses.</p> <p>B. BUILDINGCOMPONENTS Drawingsofthecomponentsofabuildingindicating Foundation–brickfooting,stonefooting&rcccolumnfooting concretedflooring,plinthbeam&floorfinish superstructure-brickworkwithsill,lintel,windows&sunshade Flat RCCroofwithweatheringcourse,parapet&coping.</p> <p>C. TILEDROOFS Drawings indicating various types of sloped & hipped roof Types of sloping roof – leanto&couple roof withMangalore tiles,countrytiles&pantiles.</p> <p>D. STRUCTURALSYSTEMS Structures–Componentsofaloadbearingwall&RCCslabroofsystem–RCC beams,columnsandframedstructure.</p> <p>E. BASICSERVICES Components of a toilet & bathroom – sanitary ware - w.c, wash basin,</p>

		bidet, bathtub, jacuzzi etc. Sanitary fittings – taps, mixers, shower units.
II	GRAPHICS	<p>A. INTRODUCTION TO FREE HAND DRAWING Basic exercises, Still life, Basic forms, effect of lines to represent textures - Understanding of different types of perspective views using vanishing points, Shading exercises etc.</p> <p>B. SKETCHING Outdoor sketching including Lawns, bushes, Water Bodies, Plants & trees in different media. Indoor sketching – furnitures, lights, corridor, lobby, class room etc.</p> <p>C. MEASURED DRAWING Lettering - types, Scale, Measured drawing of furniture, Wall paneling, flooring pattern, ceiling pattern, doors and windows.</p> <p>D. GEOMETRICAL DRAWING Orthographic projections - Projection of lines, planes and solids, section of primary solids such as pyramids, cones, cylinder, prism, sphere, cuboid, etc.</p> <p>E. ISOMETRIC DRAWING Isometric projection of all platonic solids such as cube, cuboid, hexagonal prism, pyramids, cone and sphere etc – isometric projection of singly and doubly curved surfaces.</p>
III	INTERIOR DESIGN STUDIO	<p>A. Designs involving various elements such as point, line, shape, colour and texture – applied to compositions such as mural design, fabric design, mosaics, stained glass, engraving, block printing, collage etc – involving all the principles of composition.</p> <p>B. 3D sculptures involving platonic solids, wooden sculptures applying</p>

		<p>different types of carpentry joints, design and execution of POP made objects such as: cornices, moldings, brackets, etc., Metal and terracotta sculptures.</p> <p>C. Study and analysis of forms, patterns and colour schemes in nature. Abstraction of natural forms and design of three-dimensional objects and two-dimensional patterns inspired by them.</p> <p>D. Study and critical analysis of man-made objects – their purpose, functional suitability, formal appeal, etc – evolving suggestions for improvement of the same.</p>
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TEXTBOOKS

S.C.Rangwala-*Engineering materials*-Charotar Publishing, Anand

Francis D.K.Ching-*Building Construction Illustrated*, VNR, 1975,

REFERENCES

W.B.Mckay-*Building construction Vol1*, Longmans, UK 1981

W.B.Mckay-*Building construction Vol3*-Longmans, UK 1981

Drawing-*A creative Process*, Francis D.K.Ching, John Wiley Sons, New York

How to paint & draw, Bodo W.Jaxtheimer, Thames & Hudson, London

Geometrical drawing for art students, 2nd revised edition-I.H.Morris, Orient Longman, Calcutta, 1995.

Architectural drafting and design, 4th edition-Ernest R.Weidhaas, Allyn and Bacon, Boston, 1981.

Building drawing, 3rd edition-M.G.Shah, C.M.Kale, Tata McGraw-Hill publishing, New Delhi.

Paul Laseau, *Graphic Thinking for Architects and Designers*, John Wiley & Sons.

Trewin Copplestone, *Arts in Society*, Prentice Hall Inc.

H.Gardner, *Art through Ages*.

David Fair, *Design Graphics*, Hodder and Stoughton.

Architectural arts and Sculpture, Guild Source Books.

Virginia Cobb Watson, *Discovering the Inner Eye*, Gupta Publication.

Johannes Itten, *The Art of Colour*.

H.H.Arnason, *History of Modern Art*