

**Name of the Programme: NEP**

**Course Code: 3<sup>rd</sup> Semester**

**Name of the Course: Interior design and Concept**

**Full marks 50**

<b>Courses</b>	<b>Course Title</b>	<b>Course Credits</b>	<b>No. of Hours per Week</b>
Minor	<b>Interior designing and Concept</b>	3 Credits	4 hours

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

**General Learning Objectives**

- Acquisition of hands on experience in model-building.
- To help the students understand about the various anthropometric aspects, human factors & other design criteria involved in the design of furnitures.
- To make the students understand about the various materials & technology involved in the making of furnitures.
- To develop an understanding about the design of interior landscape with special emphasis on the choice and care of plant materials used in the interior spaces.
- To study about the various landscaping elements and their application in interiorspaces.

Unit	Unit Title	Contents
I	MODELMAKING WORKSHOP	<p><b>A. INTRODUCTION TO MODEL MAKING</b> Introduction to concepts of model making and various materials used for model making</p> <p><b>B. BLOCK MODELLING</b> Preparation of base for models using wood or boards Introduction to block models of buildings(or3D Compositions) involving the usage of various materials like Thermocol,Soap /Wax,Boards,Clayetc.</p> <p><b>C. DETAILED MODELLING</b> Making detailed models which includes the representation of various building elements like Walls, Columns, Steps, Windows / glazing, Sunshades, Handrails using materials like Mount board,Snow-white board, acrylic sheets. Representing various surface finishes like brick/stone representation, stucco finish etc. Various site elements–Contour representation, Roads / Pavements,Trees /Shrubs,Lawn,Waterbodies, Street furniture, Fencingetc.</p> <p><b>D. INTERIOR MODELS OF INTERIOR SPACES</b> Making models of the various interior spaces such as Residences,Offices,Retail Spaces, Recreational Spaces Scaled models of furniture.</p> <p><b>E. CARPENTRY</b> Introducing the techniques of planning, chiseling &amp; jointing in timber to learn the use of hand tools. Exercise involving the design of simple furniture and making a model of the same.</p>
II	FURNITUREDESIGN	<p><b>A. HISTORYOF FURNITURE DESIGN</b> Furniture designs during Egyptian,Greek,Roman,Romanesque,Gothic,Renaissance, Industrial Revolution – Contributions in the beginning of the 20<sup>th</sup>centuryby the four pioneer architects in furniture design–Bauhaus,De Stijl &amp; other modern furniture designs.</p>

<p><b>III</b></p>	<p><b>INTERIOR LANDSCAPE DESIGN</b></p>	<p><b>B. HUMAN FACTORS</b>  Study of Anthropometry &amp; Design criteria involved in the design of  Sofa, settee, couch, etc.  Cot ,bedside lockers,wardrobes  Cupboards,shelves  Bunk beds, study table  Display furniture  Furniture for the physically challenged</p> <p><b>C. PRINCIPLES OF DESIGN &amp; DETAILINGS</b>  Form–Colour-Symbols  Materials &amp; finishes–Wood ,Glass,Metal, Plastics and Upholstery-include various finishes.  Fabrication Techniques involved  Multiple Utility Oriented Approaches to Furniture Design.</p> <p><b>D. ROOMPLANSANDFURNITUREARRANGEMENT</b>  Types of furniture– i.Builtin furniture, ii.Movable furniture, ii.Systems furniture–  Specially Designed furniture–Ready made furniture–Modular, Knockdown &amp; Economy Furniture.  Traffic pattern and furniture lay out for residence, commercial and of ficeareas</p> <p><b>E. PROJECTS</b>  Designing &amp; detailing of  Residential Furniture – Seating, Sleeping, Storage &amp; Children’sfurniture  Commercial furniture–Showcases, Counters, Display units, Restaurant furniture, Barfurniture  Officefurniture–Adjustable desks &amp; storage, Mobile &amp; Resilient chairs, Portable chairs, MovableTables, Loungeseating.</p> <p><b>INTERIORLANDSCAPING</b>  Definition, classification of plants, indoor plants and their functions, layout &amp; components, Floriculture – commercial, ornamental, Selection of plants &amp; pest control.</p>
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**A. PHYSICAL REQUIREMENTS OF PLANTS**

Physical requirements of plants – light, temperature, water, planting medium, soil separator, weight of plants, acclimatization & maintenance. Techniques to meet physical requirements.

**B. INTERIOR LANDSCAPING ELEMENTS & PRINCIPLES**

Various interior landscaping elements – water bodies - pools, fountains, cascades Plants, rocks, artifacts, paving & lighting, Design guidelines- plant texture & colour, plant height, plant spacing.

**C. ROOF AND DECK LANDSCAPE**

Protection of the integrity of the roof and structure, provisions for drainage, light weight planting medium, irrigation, selection of materials, water proofing, provision for utilities and maintenance.

**D. EXERCISE ON INTERIOR LANDSCAPE**

Court yard design  
An outdoor room design  
Terrace garden

**REFERENCES**

- BENN, *The book of the House*, Ernest Benn Limited, London  
Jannsen, *Constructional Drawings & Architectural models*, Karl Kramer Verlag Stuttgart, 1973.  
Harry W. Smith, *The art of making furniture in miniature*, E.P. Dutton Inc., New York, 1982.  
*Interior Design*, John F. Pile, Harry N. Abrams Inc Publishers, New York  
*Interior Design Course*, Mary Gilliat Coyran, Octopus Ltd., London  
*The Encyclopaedia of Furniture*, Joseph Aronson, Crown Publishers, New York  
*Interior Design & Decoration*, Sherril Whiton, Prentice Hall  
*Interior Design*, Francis D.K. Ching, John Wiley & Sons, New York  
*Office Furniture*, Susan S. Szenasy, Facts on file Inc, New York

*Time Saver Standards for Interior Design*, Joseph De Chiara, Mc Graw Hill, New York.

## **REFERENCES**

*Time saver standards for landscape architecture.*

*Planting design* by Theodore D. Walker, VNR Publications New York.

*Landscaping Principles and Practices* by Jack E. Ingels, Delmar Publishers.