



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

GPMDES 101 – RESIDENCE INTERIOR DESIGN

| COURSE CODE | Category | COURSE NAME | TEACHING & EVALUATION SCHEME | | | | | | | | |
|-------------|----------|---------------------------|------------------------------|---------------|-----------|----------|----------------------|---|---|---|----------|
| | | | THEORY | | | STUDIO | | L | T | S | CRE DITS |
| | | | END SEM University Exam | Two Term Exam | Sessional | End Viva | Internal Assessment* | | | | |
| GPMDES 101 | THEORY | RESIDENCE INTERIOR DESIGN | 60 | 20 | 20 | 00 | 00 | 3 | 0 | 0 | 3 |

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio ; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

The Objective of the course is to give an emphasis on designing with analytical thinking, conceptualization, understanding of the basic residential interior requirements and then to arrive on a solution based on design principles having connection between physical and visual environment.

Course Outcomes (COs):

1. The students will be able to design residential space with integrating various elements of the space design problems through working of basic design principles.
2. Students will understand visual quality of materials in terms of finishes through color, texture, modulations and pattern evolution. Material and workmanship, specification etc.
3. Students will understand the various issues involved in planning and designing knowledge and will be able to provide design solutions for residential interiors.

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Syllabus

| | | |
|-----------------|--|---------------|
| Unit I | <p>Introduction to interior design: Basic components- Functionality, Services, Inclusive Design; Basic elements of design for evolution of creativity - dot, line, plane, volume 2D & 3D. Basic principles of design - Axis, symmetry, balance, focus, rhythm, harmony, unity, variety, contrast, hierarchy, scale & proportion, movement, emphasis, dominance, fluidity, articulation & order.</p> | 09 HRS |
| Unit II | <p>Anthropometrics: Average measurements of human body in different postures – its proportion and graphic representation, application in the design of simple household and furniture. Role of mannequins in defining spatial parameter of design. Basic human functions and their implications for spatial planning. Minimum and optimum areas for various functions. Preparing user profile, bubble and circulation diagrams.</p> | 09 HRS |
| Unit III | <p>Design methodology: Detailed study of spaces such as living, dining, bedrooms, kitchen, toilet etc. including the furniture layout, circulation, clearances. Case study of existing house and analysis of the spaces.</p> | 09 HRS |
| Unit-IV | <p>Paints and Varnishes: Protective coating paints, types of paints – water paints, distempers, cement based paints, emulsion paints, anti-corrosive paints etc. – composition, functions, preparation and application method, painting on different surfaces, defects in painting etc. Varnishes (oil and spirit) – various types – French polish, damp proofing finishes etc. and methods of application.</p> | 09 HRS |
| Unit V | <p>Fabrics and other furnishing materials: Fibers, textiles, fabric treatments, carpets, durries, tapestries, Drapery, upholstery, wall coverings, etc. –properties, uses and application in the interiors. Miscellaneous materials such as cork, leather, paper, Rexene etc. – their properties, uses and applications in the interiors.</p> | 09 HRS |

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References Books :

- Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.
- Francis.D. Ching & Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004.
- Rao, M. Pratap. Interior Design: Principles and Practice, 3rd ed. Standard Pub.,2004.
- Maureen Mitton & Courtney Nystuen, Residential Interior Design: A Guide to Planning, 4th edition, Wiley publishers, 2022

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