



School of Planning and Architecture Vijayawada
(An Institute of National Importance under the Ministry of Education, Govt. of India)
S.No. 4/4, ITI Road, Vijayawada – 520008, Andhra Pradesh, India

Course: **ARC5120 – Interior Architecture & Space Programming** Class: **V Sem. B.Arch, 2025-26 A.Y** Section: **A & B**
Instructors: **Dr Srinivas D** Contact Periods/week: **03** Credits: **03**
Internal Assessment Marks: **50** External Theory Exam: **50** Total Marks: **100**
Attendance: **75% Min.** Min. Passing Marks: **50% each in Internal & External Assessment**

Objective

To study the interior design principles and their applications in interiors, and to foster creative ability and inculcate skills to understand and conceive architectural design.

S.No.	Week No.	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
1	Week 1	Introduction to the Course Unit 1: Introduction and History of Interior Design Definition of Interior design, Interior design process, need of the interior design, vocabulary of design in the terms of principles and elements, introduction to the design of interior spaces as related to typologies and functions, themes, concepts – study and design.	Lecture and Group discussion
2	Week 2	Introduction and History of Interior Design Brief study of the history of the interior architectural design, through the ages relating to historical context, design movements and ideas etc.,	Lecture and Group discussion Assignment-I on Market Study of Interior materials and products
3	Week 3	Introduction and History of Interior Design Brief study of the folk arts and crafts (Vernacular design in India) with reference to interior design and decoration.	Lecture and Group discussion Assignment-II on Live Project: Site visit and interaction with the architect
4	Week 4	Unit 2: Colour Pshychology and elements of interior architecture – Enclosing elements Introduction – Physics, Physiology and pshychology of colours – visible spectrum, coloured light, colour temperature, colour interaction, colour blindness, special colourissues, mixed colour effects, effects of tecture, using colour systems, problems with colours.	Lecture and Group discussion Assignment-III on Live Project: Design
5	Week 5	Colour Pshychology and elements of interior architecture – Enclosing elements Use of colour in special situations – out door/indoor spaces, accessories, art works etc., Introduction to various elements of interiors like floors, ceilings, walls, stair cases, openings, interior service elements, impact of colours in enclosed interior spaces, incidental elements etc., and various methods of their treatment involving use of materials and methods of construction in order to obtain certain specific functional, aesthetic and psychological effects	Lecture and Group discussion Presentation by the students
6	Week 6	Field Work / Case Study visits	
7	Week 7	Colour Pshychology and elements of interior architecture – Enclosing elements Use of colour in special situations – out door/indoor spaces, accessories, art works etc., Introduction to various elements of interiors like floors, ceilings, walls, stair cases, openings, interior service elements, impact of colours in enclosed interior spaces, incidental elements etc., and various methods of their treatment involving use of materials and methods of construction in order to obtain certain specific functional, aesthetic and psychological effects	Lecture and Group discussion Presentation by the students
8	Week 8	Presentation by the students	Presentation by the students

S.No.	Week No.	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
9	Week 9	Unit 3: Lighting Design and Interior Landscaping Study of Interior lighting, different types of lighting their effects, types of light fixtures, lighting design for the different type of spaces, Nature of Lighting, Impact of lighting design for human activities.	Lecture and Discussion Assignment-III on Live Project: Design-II
10	Week 10	Lighting Design and Interior Landscaping Interior landscaping, elements like rocks, plants, water, flowers, fountains, paving, artifacts etc. their physical properties, effects on spaces and design values.	Lecture and Discussion
11	Week 11	Unit 4: Interior Design Materials and Applications Masonry, Timber, cane, bamboo, wood, paints, varnishes (oil and spirit). Study of the relationship between furniture and spaces, human movements and furniture design as related to human comfort. Function, materials and methods of construction, changing trends and lifestyles, innovations and design ideas.	Lecture and Discussion
12	Week 12	Interior Design Materials and Applications Masonry, Timber, cane, bamboo, wood, paints, varnishes (oil and spirit). Study of the relationship between furniture and spaces, human movements and furniture design as related to human comfort. Function, materials and methods of construction, changing trends and lifestyles, innovations and design ideas.	Submission of Assignment-II and Discussion
13	Week 13	Unit 5: Space Programming and Applications Study on furniture for specific types of interiors like office furniture, children's furniture, residential furniture, display systems, etc. Interior design for the projects for different behavioural spaces and functionality i.e study room interior, gym or yoga room interior, hospital room interior, office room interior, Music and Dance space interior, transit space interiors, community space interiors etc.	
14	Week 14	Unit 5: Space Programming and Applications Study on furniture for specific types of interiors like office furniture, children's furniture, residential furniture, display systems, etc. Interior design for the projects for different behavioural spaces and functionality i.e study room interior, gym or yoga room interior, hospital room interior, office room interior, Music and Dance space interior, transit space interiors, community space interiors etc.	Presentation by the students
15	Week 15	Presentation by the students	Presentation by the students
16	Week 16	Exhibition	Lecture, Concluding Remarks

Tentative break-up of Internal Assessment Marks:

S.No.	Categories of Evaluation*	Marks
1	Assignment-I	10
2	Assignment-II	10
3	Assignment-III	10
4	Assignment-IV	20
	Total	50

* The Marks allotted against each category are tentative. Categories of evaluation are only indicative and may increase or decrease.

References:

1. Ching, F. D. K. (1987). *Interior Design Illustrated*. New York : V.N.R. Publications.
2. Doshi, S. (Ed.) (1982). *The Impulse to adorn - Studies in traditional Indian Architecture*. Marg Publications.c3. Kathryn, B. H. and Marcus, G. H. (1993). *Landmarks of twentieth Century Design*. Abbey Ville Press.
3. Pendero, J. and Zelnik, M. (1979). *Human Dimension and Interior space: A Source Book of Design Reference Standards*. New York : Whitney Library of Design.
4. Slesin, S. and Ceiff, S. (1990). *Indian Style*. New York : Clarkson N. Potter.
5. Dorothy, S-D., Kness, D. M., Logan, K. C. and Laura, S. (1983). *Introduction to Interior Design*. Michigan : Macmillan Publishing.

Sd/-

Signature of Subject Teacher

Sd/-

Signature of Head of the Department