Course Syllabus
Gyanmanjari Institute of Technology
Semester-2

Subject: Basic Design- DETID12203

Type of course: Major Stream

Prerequisite: - NIL

Rationale: - Design is the foundation of interior spaces, shaping how we perceive and interact with our surroundings. This course introduces fundamental design principles, color theory, and spatial understanding to help students develop critical thinking and creativity in interior design applications. Through a combination of theoretical knowledge and practical exercises, students will cultivate their design intuition and problem-solving abilities.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P	C	Theory Marks		Practical Marks		CA	
				ESE	MSE	V	P	ALA	
03	00	04	05	60	30	10	20	30	150

Legends: CI, Class Room Instructions; T – Tutorial; P, Practical; C – Credit; ESE, End Semester Examination; MSE, Mid Semester Examination; V – Viva; CA, Continuous Assessment; ALA, Active Learning Activities.

Course Content:

Sr. No	Course Content	Hrs.	% Weightage
1	**Fundamentals of Composition & Gestalt Principles** **Basic Elements of Composition:** Exploration with dots, lines, textures, patterns, and shapes, depicting visual expressions like movement, distance, hierarchy, direction, lightness, and flow, understanding unity, balance, movement, rhythm, focus, contrast, pattern, and proportion, Practical Exercises: Creating abstract compositions using various elements. **Principles of Gestalt:** Introduction to Gestalt laws: Similarity,	12	25

	Continuation, Closure, Proximity, Figure/Ground, Symmetry & Order, Application of Gestalt principles in compositions, Demonstrated lectures on visual illusions and principles of visual perception, Practical Exercises: Creating unique compositions using Gestalt principles.		
2	Color Theory & Psychology **Color Theory:** Understanding primary, secondary, and tertiary colors, Color wheel concepts: hue, Chroma, value, and color interaction, Extraction and application of color through various exercises, Practical Exercises: Developing color compositions and exploring visual harmony. **Color Psychology:** Understanding the psychological effects of colors, Influence of color on culture and perception, Understanding color vision deficiency and its impact on design, Practical Exercises: Designing color palettes based on emotional responses and cultural contexts.	08	15
3	Spatial & Form Understanding **Understanding Space:** Perception of space from different viewpoints, altering emphasis using visual concepts like viewpoint, size, color, and texture, Practical Exercises: Experimenting with space through scaled drawings. **Understanding Form:** Identifying the essential character of objects for recognition, Depicting transformation of form over time, Practical Exercises: Sketching familiar objects and their evolution.	10	25
4	Structural Design & Visual Narratives **Understanding Structure:** Creating narratives and meaning through imagery, Realistic and stylized representations in design, Practical Exercises: Constructing visual stories through drawings and digital tools. **Visual Rhetoric:** Developing visual rhetoric using puns and composite forms, Introduction to 3D approach in thinking and execution, Practical Exercises: Creating physical models representing conceptual ideas.	10	25
5	Practical Applications & Evaluation **Integrated Design Practice:** Application of all principles learned in previous chapters, Developing a final design project incorporating composition, color, space, form, and structure.	05	10

Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1	**Visual Storytelling Challenge** – Students create a visual narrative using Gestalt principles and composition techniques. They must convey an abstract idea (e.g., growth, harmony, or chaos) through a series of sketches and a short written explanation.	10

2	**Color Psychology Experiment** – Students explore the psychological impact of colors by designing interior spaces for different emotions (e.g., a relaxing bedroom vs. an energetic workspace). They present their findings through digital or physical mood boards.	10
3	**3D Space Simulation** – Using cardboard, foam, or digital modeling software, students create miniature models of interior spaces that demonstrate emphasis and de-emphasis using form, texture, and color.	10
	Total	**30**

Suggested Specification table with Marks (Theory):60

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	20 %	20%	20%	-	-	40 %

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Course Outcome:

After learning the course, the students should be able to:	
CO1	Apply fundamental design elements and Gestalt principles in creative compositions.
CO2	Demonstrate proficiency in color theory and its psychological impact in design applications.
CO3	Analyze and manipulate spatial compositions to enhance interior environments.
CO4	Develop structured visual narratives using 2D and 3D techniques.
CO5	Integrate all learned concepts into a final project showcasing creativity and technical skills.

List of Practical

Sr. No	Descriptions	Unit No	Hrs.
01	Understand spatial elements and their interactions, with a focus on functional planning and space organization.	01	06
02	To develop the character of a place (single purpose) via the use of material as a tool.	01	08
03	Organizational setup and its application to design-based spatial division, order in space, activity linking patterns, and mobility as space perpetrators, form, function, furniture organization, height, size, proportion, material, surface texture, and colors.	02	08

04	Understand spatial components and their interactions. With a focus on light, mobility, and ventilation in space layout.	03	08
05	Selection of components, material technology based on articulation, and the combination of space modulation and characterisation.	03	08
06	Understand the nature and magnitude of spaces, as well as structural elements' role as space creators.	03	08
07	Analysis of Space Structure, Form, and Proportion	03	06
08	Project: Small scale public interiors e.g.: library, clinics, kindergarten, radio station etc.	04	08
	Total		**60**

Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brain storming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

Reference Books:

[1] Design Basics, David A. Lauer, Stephen Pentak, Cengage Learning, 978-0495915775
[2] Principles of Form and Design, Wucius Wong, Wiley, 978-0471285526
[3] Interaction of Color, Josef Albers, Yale University Press, 978-0300179354
[4] The Elements of Graphic Design, Alex W. White, Allworth Press, 978-1621535314
[5] Color: A Workshop for Artists and Designers, David Hornung, Laurence King Publishing, 978-1786276605
[6] Visual Grammar, Christian Leborg, Princeton Architectural Press, 978-1568985817
[7] The Non-Designer's Design Book, Robin Williams, Peachpit Press, 978-0133966152