



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor of Interior Design

Level: UG

Branch: BID

Course / Subject Code : 2X55105

Course / Subject Name : Digital Technology -III

w. e. f. Academic Year:	2024 - 2025
Semester:	5
Category of the Course:	Compulsory

Prerequisite:	It is mandatory to complete Digital Technology II to opt for this course.
Rationale:	This course focuses on developing advanced software skills to enhance graphical representation and rendering techniques. It aims to prepare students professionally and enhance their skill set in digital design tools.

Teaching and Examination Scheme:

Teaching Scheme (in Hours)			Total Credits L+T+ (PR/2)	Assessment Pattern and Marks				Total Marks
L	T	PR	C	Theory		Tutorial / Practical		
				ESE (E)	PA / CA (M)	PA/CA (I)	ESE (V)	
2	0	2	4	NA	NA	50	50	100

Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	Unit:1 Adobe Illustrator Creating logos, social graphics, flyers, banners and more, Vector Graphic Illustration techniques.	20	30
2.	Unit:2Rhino 3D computer graphics and computer-aided design application software, Techniques for modelling complex shapes and surfaces and rendering.	24	40
3.	Unit 3: InDesign Getting to know the workspace, Setting up a document, Graphics, links panel, layers, styles, color, pen tool in InDesign, Working with importing and modifying graphics using a library, tables, printing	20	30
Total			100

*: indicative



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Thrust / Projects:

- Theoretical understanding of 3D rendering soft wares and its applications through presentation
- Practical understanding of rendering tools and publishing/ page layout designing software.

Reference Books:

1. Adobe Illustrator for Creative Professionals: Develop skills in vector graphic illustration and build a strong design portfolio with Illustrator 2022By Clint Balsar.
2. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation, 2e Paperback – 8 May 2020by Chad Chelius (Author), Rob Schwartz (Author)
3. Rhinoceros 3D Exercises: 200 3D Practice Exercises For RHINOCEROS 3D and Other Feature-Based 3D Modeling Software Paperback – Import, 1 June 2019by Sachidanand Jha (Author)
4. Just Enough Software Architecture: A Risk-Driven Approach 1st Edition by George H. Fairbanks (Author)
5. Designing the Adobe InDesign Way: Explore 100+ recipes for creating stunning layouts with the leading desktop publishing software By Andy Gardiner

*- this is suggestive for common purpose. Faculty may decide on this, considering student group and institution philosophy.

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