



# GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Engineering

Level: Diploma

Branch: Textile Design

Course / Subject Code : DI01C59031(Only for C to D Students)

Course / Subject Name : Basic Design and Colour

w. e. f. Academic Year:	2024-25
Semester:	1 <sup>st</sup>
Category of the Course:	Diploma

<b>Prerequisite:</b>	Familiarity with basic drawing & color
<b>Rationale:</b>	This subject provides knowledge regarding elements of art, principles of design, color theory and application of color, compositional techniques along with design creation by Rendering techniques, creating textures and patterns. This is basic requirement of any textile designer.

### Course Outcome:

After Completion of the Course, Student will able to:

No	Course Outcomes	RBT Level
01	Use primary, secondary and tertiary color in textile designing.	A
02	Apply concepts and principles of color theory in different composition & shapes	N
03	Use color and design as a form of visual communication.	C
04	Create color harmonies in simple, opposing, balanced, and informal way	C

*\*Revised Bloom's Taxonomy (RBT)*

### 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)	
0	0	6	3	0	0	50	50	100

### Course Content:

#### Suggested Specification Table with Marks (Theory):

Distribution of Theory Marks (in %)					
R Level	U Level	A Level	N Level	E Level	C Level
-	-	-	-	-	-



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Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)

## References/Suggested Learning Resources:

### (a) Books:

Sr. No.	Title of Book	Author	Publication with place, year and ISBN
1	Color Harmony-2	Bride M. Whelan	Rockport Publishers, USA, 1994, ISBN-1-56496-066-8
2	World Textiles Collections-1 Basic Flower	Kyote, Shoin	Kyoto Shoin International Co.Ltd., Japan, 1991, Isbn-4-7636-8091-9
3	A Dictionary of Color Combinations	Sanzo Wada	Seigensha ,2010 , ISBN- 978-4861522475
4	Color A Workshop for artist and designers	David Hornung	Laurence King Publishing , 2020 , ISBN- 978-1786276605
5	Color Choices: Making Color Sense Out of Color Theory	Stephen Quiller	Watson-Guptill ,2002 , ISBN- 978-0823006977
6	Interaction of Colour	Josef Albers	Yale University Press , 2013 ISBN -978-0300179354
7	New Fashion Print	Martin dawber	Bats ford, London, 2008, ISBN-9781906388072

### (b) Open source software and website:

1. <https://textile-ideas.blogspot.com/2013/08/color-wheel.html>
2. <https://erickimphotography.com/blog/2017/11/06/color-theory-for-photographers/>
3. <https://www.colormatters.com/color-and-design/basic-color-theory>
4. <https://99designs.co.uk/blog/tips/the-7-step-guide-to-understanding-color-theory/>
5. [https://en.m.wikipedia.org/wiki/Visual\\_design\\_elements\\_and\\_principles](https://en.m.wikipedia.org/wiki/Visual_design_elements_and_principles)
6. <https://www.pinterest.co.uk/pin/553661347926130481/>
7. <https://stock.adobe.com/in/images/type-of-lines-in-art/200339857>
8. <http://artonlinechampion.weebly.com/project-2-50-line-types.html>
9. <https://designshack.net/articles/inspiration/best-line-patterns-textures/>
10. <https://createartwithme.com/4-main-concepts-to-teach-art-composition/>
11. <https://www.youtube.com/c/thevirtualinstructor/videos>
12. [https://youtu.be/AeHqLfJBiTc?list=TLPQMTUwOTIwMjJHir7IK8\\_aw](https://youtu.be/AeHqLfJBiTc?list=TLPQMTUwOTIwMjJHir7IK8_aw)



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## Suggested Course Practical List:

S. No.	Practical Outcomes (PrOs)	Approx. Hrs. required
1	Draw colour wheel representing the colour mixing theory.	06
2	Draw any four object & fill it with the primary colour to show its significance & application.	06
3	Draw any four object & fill it with the secondary colour to show its significance & application.	06
4	Draw any four object & fill it with the tertiary colour to show its significance & application.	06
5	Draw a colour wheel representing complementary colour.	06
6	Draw a colour wheel representing warm and cool colour.	06
7	Create at least 4 types of Texture by using water colour.	06
8	Create at least 4 types of Texture by using crayon colour...	06
9	Create different colour combination for making contrasting colour scheme	06
10	Develop tint ,tone and shade of at least 2 given colour ( hue)	06
11	Draw any 4 types of fruits and fill it with suitable color.	06
12	Draw any 4 types of vegetables and fill it with suitable color.	06
13	Draw any 4 types of leaves and fill it with suitable color.	06
14	Draw any 4 types of flowers and fill it with suitable color.	06
15	Create at least 2 abstract and 2 geometric shape design using compositional techniques and color schemes.	06
<b>Total</b>		<b>90</b>

## List of Laboratory/Learning Resources Required:

S. No.	Equipment Name with Broad Specifications
1	Basic stationary material Pencil, scale, eraser, etc.
2	Different color media like water color, poster color, acrylic color, etc.
3	A3 size paper sheet

## Suggested Project List:



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- a) Create a design using monochromatic color for geometric and/or freehand shapes on 15cm\*15cm area of the paper sheet getting inspiration and observing the objects around you.
- b) Create a design representing optical illusion for geometric and/or freehand shapes on 15cm\*15cm area of the paper sheet.

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