

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA IN TEXTILE PROCESSING TECHNOLOGY
SEMESTER: 4

Subject Name COLOUR SCIENCE

Sr.No	Course content (LIST OF EXPERIMENTS)
1.	Prepare two sheets of chromatic circles according to light and pigment theories.
2	Prepare two colour, three colour and four colour stripes design for shirting and dress material.
3	Prepare two colour, three colour and four colour checks design for shirting and dress material.
4	Prepare all over saree design in different colour.
5	Prepare three sheets of drawing saree border design based on repetition of simple units such as spots, straight line, geometrical shape, natural ornamental forms.
6	Prepare two sheets of Border-palav design(Gala) according to market survey.
7	Prepare two sheets of Bad-sheet design according to market survey.
8	Prepare two sheets of Curtain design according to market survey.
9	To create military goods design in two, three and four colours according to market survey.
10	To create Primary, Secondary and Tertiary shades on different textiles.
11	To create tone dyeing effect on suitable textile fabric.
12	To create gray scale and colour depth range for particular dye class on particular fabric.
13	Study colour vision under different colour back grounds.
14	Differentiate shade and tone variation under different light sources.
15	To create Tie and Dye effect on Cotton/Viscose rayon fabric.
16	Prepare two colour, three colour printing for colour matching of particular design on Textiles.
17	Create printing patterns with harmony and contrast colour combinations.