

1973

TEXTILE DESIGN AND COLOUR

AIMS:

1. To familiarize the students with the drawing instrument and their uses.
2. To develop the skill of the student in making designs.
3. To give the students a clear concept about light and colour.
4. To familiarize with colour and weave effects.
5. The students able to develop knowledge, skill and attitude in the area of Textile design and colour.

SHORT DESCRIPTION

Basic concept of drawing instruments and their uses; Designing; Motif and repeat of a design; Construction of design from incomplete repeats; Light and colour phenomena; Theory of colour; Colour harmony and contrast of colour; Colour and weave effect; Check-stripe and shaded design.

DETAIL DESCRIPTION

Theory:

1. **Understand drawing instruments and their uses.**
 1. List the instruments used for drawing.
 2. Describe different instruments used for drawing.
 3. Discuss about tracing paper with its use.
 4. Use of graph paper in drawing & designing.
 5. Explain the general rules to be obeyed during drawing.
 6. Describe the effect of light and shade in a drawing.
2. **Understand the basic concept of design:**
 1. State the importance of design.
 2. Mention the classification of designs.
 3. Discuss the principles of selecting a design for particular end product.
 4. Discuss about different colour viz water colour, oil colour and pastel colour.
3. **Understand motif and repeat of a design.**
 1. Define motif and repeat of a design with their differences.
 2. Describe the uses of motif and design.
 3. Discuss the techniques of enlarging or reducing a design.
 4. Describe the process of drafting a design from plain paper to graph paper according to fabric construction.

4. Understand the construction of design from incomplete repeats.

1. Mention the causes of incomplete design.
2. Describe the process of producing a complete design from an incomplete design.
3. Describe the methods of reproducing a design from a woven fabric sample.

5.0 Understand the light and colour phenomena & theory of color.

- 5.1 Describe the effect of lusture and colour of fabric to light.
- 5.2 State the physical basis of colour and colour of matters.
- 5.3 State the theory of colour.
- 5.4 Mention the classification of the theory of colour.
5. Describe the Brewster circle and explain pigment theory of colour

from Brewster theory.

6.0 Understand colour.

1. Define the colour.
2. Mention the classification of colour with their definition and uses.
3. Describe complementary colour and explain it with young-Helmholtz theory.
4. Define chromatic circle and state the technique of drawing chromatic circle.
5. Mention the uses of chromatic circle.
6. Describe the attributes of primary and secondary colour.
7. Define pure colour, broken colour, shade, tint, tone, hue, cold colour, hot colour, opaque colour, transparent colour.
8. Mention the uses of colour.

7.0 Understand harmony and contrast of colour.

- 7.1 Define, classify and describe the harmony and contrast of colour.
- 7.2 Discuss about modifications of colour.
- 7.3 Discuss coloured grey.

7.4 Describe the practical applications of modified colour.

7.5 State the factors, modifying the colouring of Textile fabrics.

8.0 Understand colour and weave effect.

- 8.1 Define colour and weave effects.
- 8.2 Mention the classifications of colour and weave effects.
- 8.3 Explain the methods of producing colour and weave effect with the techniques of representing the design and colour on graph paper.

9.0 Understand Check, Stripe and Shaded design.

- 9.1 Define stripe and check design with their differences.
- 9.2 Describe the effects of colour and weave effects.
- 9.3 Discuss the factors to be considered for the selection of weave for stripe and check designs.
- 9.4 Describe check and stripe design.
- 9.5 Describe shaded design with example.

10.0 Understand dark -room activities for screen preparation.

1. Mention the importance of a dark room for screen preparation.
2. Explain the role of a camera for screen preparation.
3. Describe the process of making a screen.

Practical:

1. Draw at least 5 designs with water colour, oil colour and pastel colour.
2. Draw at least 5 designs showing shaded effect.
3. Draw at least 5 designs for selvedge of a Sari.
4. Draw at least 5 designs for body of a Sari.
5. Draw at least 10 geometrical designs mention the purpose.
6. Enlarge a given design to the required size.
7. Construct a plain paper design from a given printed sample.
8. Construct a graph paper design from a given fabric sample.
9. Draw Brewster circle and explain the pigment theory of colour.
10. Draw chromatic circle and prove young-Helmholtz theory.
11. Draw some designs from given motif.
12. Prepare screen from given design for screen printing.

References Book

1. Watsons Textile design & colour- Nisbet
2. Designers guide to colour- D.Patterson Allen.
3. W^aBs wWRvBb A^ˆvÛ Kvjvi- cÖ‡KŠkx Av.K.g dwi`yj AvRv`
4. Pvi“ I Kvi“Kjv - lô †k^aYx RvZxq wk¶lvµg I cvV“cy~—K †evW© |
5. cÖv_wgK BwÄwbqvwis W^aBs - †ngš— Kzgvi fU^avPvh©“ |