

**VANITA VISHRAM WOMEN'S UNIVERSITY**  
(Managed By: Vanita Vishram, Surat)  
1<sup>st</sup> Women's University of Gujarat



**VANITA VISHRAM  
WOMEN'S UNIVERSITY**  
— SURAT —

**SCHOOL OF VOCATIONAL STUDIES**

---

**DEPARTMENT OF FASHION DESIGNING  
M.VOC. FASHION DESIGNING**

---

**SYLLABUS**

**W.E.F. 2024-25**

**REVISED**

## **SEMESTER- II**

## GENERAL COMPONENT

### FD26031: Dyeing and Printing (Th) Total 4 credits = 60hrs

#### Course Objectives:

- Dyeing and printing are integral processes in the textile industry that contribute to the aesthetic appeal, customization, and versatility of textile products, catering to the diverse preferences and demands of consumers.

#### Course Outcomes:

- The course aims to impart understanding of different types of dye categories and how they are utilized.
- Its objective is to familiarize students with the processes involved in dyeing and printing.
- The course intends to educate students on methods to improve the visual appeal of textiles.

Block No.	Topic	No. of hours	No. Of Credits
1	<b>Introduction</b> <ul style="list-style-type: none"><li>• Dye molecule</li><li>• Theory of Dyeing</li><li>• Theory of Printing</li><li>• Fading</li></ul>	15	1
2	<b>Dyes- I</b> <ul style="list-style-type: none"><li>• Classification</li><li>• Acid Dyes</li><li>• Azoic Dyes</li><li>• Basic Dyes</li><li>• Direct Dyes</li></ul>	15	1
3	<b>Dyes-II</b> <ul style="list-style-type: none"><li>• Disperse Dyes</li><li>• Mordant Dyes</li><li>• Reactive Dyes</li><li>• Sulphur Dyes</li><li>• Vat Dyes</li></ul>	15	1
4	<b>Printing</b> <ul style="list-style-type: none"><li>• Introduction to textile printing</li><li>• Methods of printing</li><li>• Printing Procedures</li></ul>	15	1
<b>Total No. of Hours &amp; Credit</b>		<b>60</b>	<b>4</b>

## REFERENCES

- Hauser, P. J. (2015). Textile Dyeing: The Step-by-Step Guide and Showcase. The Crowood Press.
- Joshi, V. K., & Srivastava, A. (2016). Textile Dyeing and Printing. Woodhead Publishing.
- Lamb, R. A. (2018). Color in Textile and Fashion: Fundamentals and Principles. Woodhead Publishing.
- Grosicki, Z., & Makoś, P. (2017). Handbook of Natural Colorants. John Wiley & Sons.
- Joshi, V. K., & Srivastava, A. (2016). Textile Dyeing and Printing. Woodhead Publishing.
- Lamb, R. A. (2018). Color in Textile and Fashion: Fundamentals and Principles. Woodhead Publishing.
- Clarke, W (1977) An Introduction to Textile Printing, London, Butterworth and Co. Ltd.
- Miles, L.W.C. (1994) Textile Printing, 2nd ed., West Yorkshire, England, Society of Dyers and Colorists
- Shenai, V.A. (1987) Chemistry of Dyes and Principles of Dyeing, Vol II, Bombay, India, Sevak Publications
- Shore, John (Ed) (1990) Colorants and Auxiliaries: Organic Chemistry and Application Properties, Vol. 1 & 2, West Yorkshire, England, Society of Dyers and Colorists
- Trotman, E. R. (1984) Dyeing and Chemical Technology of fibers, Sixth edition, England, Charles Griffin and Company Ltd.

<b>EVALUATION PATTERN</b>					
<b>Hours/week</b>	<b>Total Credit</b>	<b>Exam hours</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>04</b>	<b>04</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>

**GENERAL COMPONENT**

**FD26041: Dyeing and Printing (Pr)**  
**Total 4 credits = 60hrs**

**Course Objectives:**

- Dyeing and printing are integral processes in the textile industry that contribute to the aesthetic appeal, customization, and versatility of textile products, catering to the diverse preferences and demands of consumers.

**Course Outcomes:**

- The course aims to impart understanding of different types of dye categories and how they are utilized.
- Its objective is to familiarize students with the processes involved in dyeing and printing.
- The course intends to educate students on methods to improve the visual appeal of textiles.

<b>Block No.</b>	<b>Topic</b>	<b>No. of hours</b>	<b>No. Of Credits</b>
1	<b>Dyeing</b> <ul style="list-style-type: none"><li>• Acid Dye</li><li>• Basic Dye</li><li>• Direct Dye</li><li>• Reactive Dye</li><li>• Disperse Dye</li></ul>	<b>30</b>	<b>2</b>
2	<b>Printing</b> <ul style="list-style-type: none"><li>• Block Printing</li><li>• Batik Printing</li><li>• Screen Printing</li><li>• Stencil Printing</li></ul>	<b>30</b>	<b>2</b>
<b>Total No. of Hours &amp; Credit</b>		<b>60</b>	<b>4</b>

**REFERENCES**

- Hauser, P. J. (2015). Textile Dyeing: The Step-by-Step Guide and Showcase. The Crowood Press.

- Joshi, V. K., & Srivastava, A. (2016). Textile Dyeing and Printing. Woodhead Publishing.
- Lamb, R. A. (2018). Color in Textile and Fashion: Fundamentals and Principles. Woodhead Publishing.
- Grosicki, Z., & Makoś, P. (2017). Handbook of Natural Colorants. John Wiley & Sons.
- Joshi, V. K., & Srivastava, A. (2016). Textile Dyeing and Printing. Woodhead Publishing.
- Lamb, R. A. (2018). Color in Textile and Fashion: Fundamentals and Principles. Woodhead Publishing.
- Clarke, W (1977) An Introduction to Textile Printing, London, Butterworth and Co. Ltd.
- Miles, L.W.C. (1994) Textile Printing, 2nd ed., West Yorkshire, England, Society of Dyers and Colorists
- Shenai, V.A. (1987) Chemistry of Dyes and Principles of Dyeing, Vol II, Bombay, India, Sevak Publications
- Shore, John (Ed) (1990) Colorants and Auxiliaries: Organic Chemistry and Application Properties, Vol. 1 & 2, West Yorkshire, England, Society of Dyers and Colorists
- Trotman, E. R. (1984) Dyeing and Chemical Technology of fibers, Sixth edition, England, Charles Griffin and Company Ltd.

<b>EVALUATION PATTERN</b>					
<b>Hours/week</b>	<b>Total Credit</b>	<b>Exam hours</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>04</b>	<b>04</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>

**SKILL COMPONENT****FD21041: STATISTICS (Th)****Total 6 credits = 90hrs****Course Objectives:**

- Students will be able to understand basic theoretical and applied principles of statistics needed to enter the job force.
  - Students will be able to communicate key statistical concepts to non-statisticians.
  - Students will gain proficiency in using statistical software for data analysis.

**Course Outcomes:****Upon successful completion of this course, students will be able to:**

- Organize, manage and present data.
- Analyze statistical data graphically using frequency distributions and cumulative frequency distributions.
- Analyze statistical data using measures of central tendency, dispersion and location.
- Use the basic probability rules, including additive and multiplicative laws, using the terms "independent" and "mutually exclusive" events.
- Translate real-world problems into probability models.
- Derive the probability density function of the transformation of random variables.
- Calculate probabilities, and derive the marginal and conditional distributions of bivariate random variables.
- Analyze Statistical data can be analyzed using MS-Excel.

<b>Block No.</b>	<b>Topic</b>	<b>No. of hours</b>	<b>No. Of Credits</b>
<b>1</b>	<b>Introduction to Statistics</b> <ul style="list-style-type: none"><li>● Orientation to qualitative and quantitative analyses</li><li>● Introduction to quantitative procedures</li><li>● Basic principles and concepts in statistics</li></ul> <b>Measurement and computation</b> <ul style="list-style-type: none"><li>● Fundamentals of measurement: quantity and quality</li><li>● Scales of measurement: nominal, ordinal, interval and ratio</li><li>● Reliability, validity and standardization of measurements</li></ul>	<b>30</b>	<b>2</b>

<b>2</b>	<b>Organisation and presentation of data</b> <ul style="list-style-type: none"> <li>● Data reduction strategies</li> <li>● Coding and tabulation</li> <li>● Grouping of data: Frequency distributions</li> <li>● Graphic representation: Graphs, diagrams and charts <ul style="list-style-type: none"> <li>● Descriptive statistics and its applications</li> </ul> </li> <li>● Applications of descriptive statistics</li> <li>● Characteristics of distributions: Skewness, kurtosis</li> </ul> Percentage, percentile ranking and frequencies	<b>30</b>	<b>2</b>
<b>3</b>	<b>Testing hypotheses:</b> <ul style="list-style-type: none"> <li>● Levels of significance and estimation</li> <li>● Errors in hypothesis testing: Type I, Type-II</li> <li>● Sampling theory and method</li> <li>● Z scores, calculation and application</li> </ul>	<b>15</b>	<b>1</b>
<b>4</b>	<b>Statistical tests:</b> <b>Parametric tests of difference:</b> <ul style="list-style-type: none"> <li>• T test &amp; ANOVA</li> <li>• Chi-square test</li> </ul> <b>Computer Applications Software</b> <ul style="list-style-type: none"> <li>● EXCEL</li> <li>● SPSS</li> </ul>	<b>15</b>	<b>1</b>
<b>Total No. of Hours &amp; Credit</b>		<b>90</b>	<b>6</b>

## REFERENCES

- Anastasi, A. and Urbina, S. (1997). Psychological Testing (7th edition). Indian Reprint. Delhi: Pearson Education.
- Argyrous, G. (2000). Statistics for Social and Health Research. London: Sage.
- Bell, J. (1999). Doing Your Research Project: Guide for First Time Researchers in Social Sciences. New Delhi: Viva Books.
- Bernard, H.R. (2000). Social Research Methods: Qualitative and Quantitative Approaches. Thousand Oaks, Ca: Sage.
- Black, J.A. and Champion, D.J. (1976). Methods and Issues in Social Research. New York: John Wiley and Sons.
- Blaxter, L., Hughes, C, and Tight, K. (1999). How to Research. New Delhi: Viva books.



- Denscombe, M. (1999). The Good Research Guide for Small-Scale Social Research Projects. New Delhi: Viva Publications.
- Elmes, D.G., Kanowitz, B.H. and Roediger, H.L. (1989). Research Methods in Psychology (Third Edition). New York: West Publishing Company.
- Festinger, L. and Katz, D. (1953). Research in Behavioral Sciences. New York: Dryden Press. 10. Nadalman, L. (2004). Research Manual in Child Development.
- Neale, J.M. and Liebert, R.M. (1986). Science and Behavior: An Introduction to Methods of Research. London: Sage.
- Reissman, C.K. (1993). Narrative Analysis. Qualitative Research Methods Series, 30. Newbury Park, Ca: sage.

<b>EVALUATION PATTERN</b>					
<b>Hours/week</b>	<b>Total Credit</b>	<b>Exam hours</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>06</b>	<b>06</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>

<b>SKILL COMPONENT</b>
------------------------

**FD21051: Colour Psychology (Th)****Total 4 credits = 60hrs****Course Objectives:**

The objective of this course is to provide students with a comprehensive understanding of how colours influence human emotions, perceptions, and behaviors. Through the study of fundamental colour theory and the exploration of psychological impacts, students will learn to apply these principles across various fields such as marketing, branding, interior design, fashion, and art. The course emphasizes the importance of cultural context, ethical considerations, and potential biases in the application of colour psychology.

**Course Outcomes:**

**Upon successful completion of this course, students will be able to:**

- Students will understand the fundamental principles of colour theory and the psychological effects of various colours on human emotions, perceptions, and behaviors.
- Students will be able to apply colour psychology principles in fields such as marketing, branding, interior design, fashion, and art to influence consumer behavior and enhance aesthetic appeal.
- Students will gain awareness of the ethical considerations and cultural variations in colour perception and usage, ensuring their application of colour psychology is culturally sensitive and ethically sound

<b>Block No.</b>	<b>Topic</b>	<b>No. of hours</b>	<b>No. Of Credits</b>
<b>1</b>	Introduction to Color as a Language <ul style="list-style-type: none"><li>• Meaning of Color</li><li>• How and why- one Perceive color?</li><li>• History of Color Psychology</li><li>• Evolution of Color: History to Modern Era</li><li>• The meaning of Color in Culture</li><li>• Color in the everyday</li></ul>	<b>15</b>	<b>1</b>

<b>2</b>	Color Symbolism <ul style="list-style-type: none"> <li>• White, Black, Red, Green, Blue, Yellow, Orange, Pink, Purple, Brown, Grey.</li> </ul> Color Harmony <ul style="list-style-type: none"> <li>• Spring</li> <li>• Summer</li> <li>• Autumn</li> <li>• Winter</li> </ul>	<b>15</b>	<b>1</b>
<b>3</b>	Color and Personality <ul style="list-style-type: none"> <li>• Primary and Secondary Personality type</li> <li>• Connection with color in terms of wearability</li> <li>• Color consciousness</li> </ul>	<b>15</b>	<b>1</b>
<b>4</b>	Wardrobe Planning <ul style="list-style-type: none"> <li>• Color combination</li> <li>• Wardrobe myths</li> <li>• Color for different occasions</li> <li>• Color and emotion</li> </ul>	<b>15</b>	<b>1</b>
<b>Total No. of Hours &amp; Credit</b>		<b>60</b>	<b>4</b>

## REFERENCES

- Birren, F. (1989). Color psychology and color therapy: A factual study of the influence of color on human life. Citadel Press.
- Eiseman, L. (2006). Color: Messages and meanings. Hand Books Press.
- Morton, J. (1997). Colour in art, design and nature. University of Chicago Press.

<b>EVALUATION PATTERN</b>					
<b>Hours/week</b>	<b>Total Credit</b>	<b>Exam hours</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>04</b>	<b>04</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>

**SKILL COMPONENT**

**FD21061: Seminar 2 (Pr)**  
**Total 6 credits = 90hrs**

**Course Objectives:**

- To identify practical learning skills and concepts that will promote students' academic success.
- To encourage students to explore the connection between university study and life enrichment, lifelong learning, and civic responsibility.
- To promote respect for diversity issues and concepts.

**Course Outcomes:**

**Upon successful completion of this course, students will be able to:**

- Presentation Skills
- Discussion Skills
- Listening Skills
- Argumentative Skills and Critical Thinking
- Questioning
- Interdisciplinary Inquiry
- Studying Major and Innovative Research Work Related to the Field

<b>Block No.</b>	<b>Topic</b>	<b>No. of hours</b>	<b>No. Of Credits</b>
<b>1</b>	<b>Explore all the Trust Areas of Clothing, Textiles and Fashion.</b> <ul style="list-style-type: none"> <li>• Mind Mapping</li> <li>• Presentation</li> </ul>	<b>90</b>	<b>6</b>
<b>Total No. of Hours &amp; Credit</b>		<b>90</b>	<b>6</b>

**REFERENCES**

- Fashion Magazine, Journals, Books, Articles, Newspaper.

**EVALUATION PATTERN**

<b>Hours/week</b>	<b>Total Credit</b>	<b>Exam hours</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>

<b>06</b>	<b>06</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>100</b>
-----------	-----------	----------	------------	----------	------------