

B.Sc. (Fashion Design): Semester-II BFD255: DYEING & PRINTING	
Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -4 Marks
Practical: 2 hrs/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 356 Surface Ornamentation, BFD 357 World Famous Painting, BFD 455 Accessory Design, BFD 651 Graduation Design Collection.

Course Objective:

1. To give complete knowledge about the different sector of dyeing and printing industry.
2. To give knowledge about different tie and dye techniques
3. To explain the process of batik printing.
4. To give complete knowledge of screen preparation and printing
5. To give knowledge about the different types of blocks and its printing
6. To give knowledge for preparing articles with combining of printing techniques

Detailed Syllabus:

Unit I: The Overview of dyeing and printing Industry
Introduction to dyes and pigments, different sectors of dyeing and printing industry
Unit II: Preparation of different tie and dye samples with direct dye:
Small circles, Stripes, Pleats, Spiral (Even and uneven), marbling, ruching, object tying, cord, knotting.
Unit III: Preparation of Batik samples with naphthol dye:
painting, marbling, scratching, sprinkling,
Unit IV: Preparation of Screen and block printed sample with pigment dye:
Preparation of screen, preparation of printing paste and development of design with screen and block.
Unit IV: Preparation of one article using any two techniques of dyeing and printing.
Preparation of one article using any two techniques of dyeing and printing.
Unit V: Visit to a printing unit.

Registrar
Invertis University
Bareilly

Head
Department of Fashion Design
Invertis University, Bareilly (U.P.)

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Faculty of Science

Course Outcomes:

After completing the course, students will be able to:

1. To remember the segmentation of dyeing and printing industry.
2. To understand the importance of tie and dye technique in surface ornamentation.
3. To apply about the batik printing.
4. To analyze the preparation of screen and its printing.
5. To evaluate the block printing technique.
6. To create/differentiate between various techniques of textile surface enrichment.

Suggested Readings

- Bernard P. Corbman. Fibre to Fabric.
- Clarke. W. 1974. An Introduction to Textile Printing. London, Newness Butter Worth.
- Anderson, F. 1974. Tie-dyeing and Batik. London, Octopus Editorial Production by Berkeley Publishers Ltd.
- Smith, J.L. Textile Processing: Printing, Finishing, Dyeing.
- H. Panda. Modern Technology of Textile: Dyes & Pigments.

Note: Latest edition of readings may be used

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