



**Darrang College  
(Autonomous),  
Tezpur-784001**

# **Syllabus for Certificate Course**

**Course Name: Fabric Printing**

## **CERTIFICATE COURSE**

### **Department of Home Science**

#### **Certificate course on Fabric Printing.**

##### **Introduction**

The term fabric is used in textile industry for weaving and printing purpose. Things that are made through weaving , crocheting or knitting that can be used to make goods are fabrics. Processing of fabric leads to construction of clothes. Fabric construction can be done by many methods using fibres or yarns. The technique that are used in fabric construction are weaving , knitting etc.

Printing is the application of dye colour to the surface of the cloth . Printing is the application of dye colour to the surface of the cloth in selected areas only in the form of a design . It is defined as the formation of coloured designs created by restricted application of dyes on the surface of the fabric. The art of printing of fabric is an old concept which is being carried out for many years.

There are different methods of fabric printing like – Block Printing , Stencil Printing, Fabric Printing And Tie & Dye .

The choice of dyes in printing depends on the purpose for which the printed goods will be used , the fibres included and the cost of the printed goods.

The add on course initiated by the department of Home Science will help the students to know about fabric construction , fabric printing and tie – dye with theoretical as well as practical knowledge in a simple and efficient manner. The students with the help of this theoretical knowledge will be able to apply it on a practical basis for the benefits in due course of time.

##### **COURSE DURATION-30 HOURS**

##### **Objective Of The Course -**

1. To produce various attractive design .
2. To learn about different methods of printing .
3. To understand the meaning of dying.
4. To learn about the use of printing on textile .
5. To provide hands on training methods on the type of printing.
6. To learn about the purpose of end product use.

Materials required for The Course – Clothes, Fabric Colours, Wooden Blocks, Vegetables, Candles, Pencils, Rubber, Stencil, Solvent, Needles, Different Colours Off Trip, Dressing Paper, Carter, Scissors, Iron.

**SYLLABUS**  
**FABRIC PRINTING**

**THEORY –**

UNIT 1-Introduction to Fabric – 2HRS

- Fabric - meaning and uses .
- Types of fabric .
- Fabric weaves and its types
- Fabric finishes and classification

UNIT-2-Dyeing 4HRS

- Introduction to Dye .
- Types of Dye-natural dyes and artificial dyes
- Methods of Dye ,process and equipment
- Tie & Dye – Methods and Motifs.
- Care of dyes

UNIT-3 Introduction to printing- 4HRS

- Definition of printing
- History of printing
- Difference between dying and printing
- Advantages and disadvantages of printing
- Fabric preparation

UNIT-4 Printing and its types 6HRS

- Hand printing-block and vegetables
- Tools and equipment used in printing

## **PRACTICALS**

- |                                                                            |       |
|----------------------------------------------------------------------------|-------|
| • Preparation of woven fabrics                                             | 2 Hrs |
| • Preparation of knitted fabrics                                           | 2 Hrs |
| • Preparation of non woven fabrics.                                        | 2 Hrs |
| • Dyeing- Natural and Artificial.                                          | 4 Hrs |
| • Collection of Natural dyes.                                              | 2 Hrs |
| • Preparation of samples with printing-Hand, Discharge, Transfer, Digital. | 2 Hrs |

Evaluation - Display of practical works.