



**Gyanmanjari**  
Innovative University

Course Syllabus  
Gyanmanjari Diploma Engineering College  
Semester-1 (DFD)

**Subject:** Pattern Making and Construction - DETCD11202

**Type of course:** Multidisciplinary

**Prerequisite:** Basic knowledge of stitching tools as recommended.

**Rationale:** This course covers Introduction of Hand stitches, machine Introduction, Drafting Introduction, Introduction of Necklines, Kids wear

**Teaching and Examination Scheme:**

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P		C	Theory Marks		Practical Marks		
			ESE		MSE	V	P	ALA	
2	0	4	4	60	30	10	20	30	150

*Legends: CI-Class Room Instructions; T – Tutorial; P - Practical; C – Credit; ESE – End Semester Exam; MSE- Mid Semester Examination; V – Viva voce; CA-Continuous Assessment; ALA- Active Learning Activities*



**Course Content**

Sr. no.	Course content	Hrs.	% Weightage
1	<b>Unit-1 - Introduction</b> 1.1 Introduction 1.2 Introduction of Hand stitches 1.3 Basic Hand stitches 1.4 Button, Hook, Introduction 1.5 machine Introduction	7	25%
2	<b>Unit-2 – Basic Drafting and stitching Method</b> 2.1 Introduction of Seams 2.2 Fullness techniques 2.3 Types of Pocket, Sleeves & neck Lines 2.4 Basic Bodice Block 2.5 Smoking & Honey Comb	7	25%
3	<b>Unit-3 – Kids wear Designing</b> 4.1 Introduction 4.2 Kids wear Top cutting 4.3 Top Designing & Stitching 4.4 Kids wear skirt cutting 4.5 Skirt Making	8	25%
4	<b>Unit-4 – Kids wear Designing-2</b> 5.1 Kids wear Frock cutting & Drafting 5.2 Kids wear Frock Making 5.3 Kids wear Salwar Introduction 5.4 Salwar cutting & Drafting 5.5 Salwar Making	8	25%



**Continuous Assessment:**

Sr. No.	Active Learning Activities	Marks
1	<b>Find out latest trend-</b> Students have to collect photos of latest trend and make mood-board and upload in GMIU web portal	10
2	<b>Prepare sample –</b> Students have to prepare any one sample of latest sleeve and neck design other then they have learned in class. Upload it on GMIU web portal	10
3	<b>Prepare design –</b> As per the instructions of faculty students have to make any one kid's wear design. Upload design on GMIU web portal.	10
	<b>Total</b>	30

**Suggested Specification table with Marks (Theory):60**

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance(R)	Understanding(U)	Application(A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	30%	40%	10%	00%	00%	20%

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

**Course Outcome:**

After learning the course, the students should be able to:	
CO1	Know Hand stitches, Button, Hook and basic knowledge of machine
CO2	Introduce Drafting and stitching Method of samples
CO3	Design different types of basic kids wear.
CO4	Design different types of advance kids wear



**List of suggested Practical**

Sr. No	Description	Unit No	Hrs.
1	Draw Sewing Tools	1	2
2	Create a sample of Basic Hand stitch	1	4
3	Create a sample of button and Hook	1	4
4	Draw the sewing machine figure & Describe their parts	1	2
5	Create a Sample of Different types of Seams	2	4
6	Create a Sample Using Fullness Techniques	2	4
7	Create a Sample of Pocket	2	2
8	Create a Sample of Neck Lines	2	4
9	Create a Sample Of Sleeve	2	2
10	Drafting Of Basic Bodice Block	2	4
11	Crate a Sample Using Smoking Method	2	4
12	Designing for Kids Wear Top & Skirt	3	2
13	Drafting of Kids Wear Top	3	2
14	Cutting and Stitching of Kids Wear Top	3	4
15	Drafting of Kids Wear Skirt	3	2
16	Cutting and Stitching of Kids Wear Skirt	3	4
17	Designing for Kids Wear Frock	4	2
18	Drafting of Kids Wear Frock	4	2
19	Cutting and Stitching of Kids Wear Frock	4	4
20	Drafting of Kids Wear Salwar	4	2
21	Cutting and Stitching of Kids Wear Salwar	4	4
	Total		60



**Instructional Method:**

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

**Reference Books:**

- [1] Dress Making
- [2] Fashion & Apparel
- [3] Sewing & Design
- [4] The Fitting Book

