

<b>Name of Faculty</b>	:	Faculty of Design
<b>Name of Program</b>	:	Diploma (DD)
<b>Course Code</b>	:	1DFD01
<b>Course Title</b>	:	Design Fundamentals
<b>Type of Course</b>	:	Professional Core (PC)
<b>Year of Introduction</b>	:	2023-24

<b>Prerequisite</b>	:	--
<b>Course Objective</b>	:	Understanding of complete chain from fiber to product development with theoretical and practical exposure.
<b>Course Outcomes</b>	:	At the end of this course, students will be able to:
	CO1	Become aware of basic terminology related to Clothing and Textiles.
	CO2	Differentiate between woven, knitted and felted techniques of fabric manufacturing techniques.
	CO3	Learn about design elements in a garment and apply them in styling their appearance.
	CO4	Able to understand, learn and develop sewing skills necessary for garment construction.
	CO5	Develop an understanding of the factors to be considered in making a selection of fabric and clothes suitable for different age group, occasion, season and personality.

#### Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
L	T	P		Theory Marks		Practical Marks		Total Marks
			C	SEE	CIA	SEE	CIA	
2	0	2	3	70	30	30	20	150

*Legends: L-Lecture; T-Tutorial/Teacher Guided Theory Practice; P- Practical, C - Credit, SEE - Semester End Examination, CIA - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.)*

**Course Content**

Module No.	Topics	Teaching Hours	Weightage	Mapping with COs
I	Fabric and its Construction Methods 1. Basic Terminologies - Clothing, Fabric and Fashion 2. Methods of fabric construction: Weaving (basic weaves), Knitting (warp knits and weft knits) and Felting (mechanical and chemical felts).	10	20%	CO1 CO2
II	Introduction to Design A. Elements of Design 1. Line 2. Form 3. Shape 4. Texture and 5. Colour B. Principles of Design 1. Balance 2. Emphasis 3. Harmony 4. Proportion 5. Rhythm	15	20%	CO3
III	Introduction to Fashion Design 1. Key Terms of Fashion Design 2. Classification of Fashion 3. Fashion theories 4. Key Areas in Fashion Forecasting 5. Fashion Cycles 6. Consumer Identification with Fashion Cycles	15	20%	CO4
IV	Basic sewing skills 1. Study of a sewing machine, its parts, care and working 2. Basic Sewing stitches - Hand and Machine a. Seams, pleats, gathers, darts and plackets.	20	20%	CO5 CO6 CO7

	b. Edge finishing, trimmings and fastener attachment			
V	Clothing selection A. Factors affecting the selection of fabrics B. Clothing Brands, Sizes and Care labels: Men, Women and Children	5	20%	CO8

Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	20	20	20	10	10	20

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

**Reference Books:**

Sr. No.	Name of Reference Books
1	Bracklesberg P., Marshall R., Unit Method of Clothing Construction, Iowa State University Press; 7th edition, 1990
2	Civardi G., Art of Drawing: Clothing on Figures: How to Draw Folds, Fabrics and Drapery, Search Press, 2015
3	Fimbel B. et.al., The Experts Book of Sewing Tips and Techniques: From the Sewing Stars - Hundreds of Ways to Sew Better, Faster, Easier (Rodale Sewing Book), 1997
4	Humphries, Mary. 'Fabric Reference', Dorloing Kindersley (India) Pvt. Ltd. Licensees of Pearson Education, Noida: 2012
5	Liddel L.A., Clothes and Your Appearance, Goodheart-Willcox Pub; 6th edition 1996
6	McGraw H., Clothing: Fashion, Fabrics and Construction, McGraw-Hill Inc., US; 4th ed. Edition, 2002
7	Paterson B. My Clothes, Heinemann Young Books, 1992
8	Reader's Digest Complete Guide to Sewing Hardcover, Reader's Digest (Editor), 1997
9	Smith A. The Sewing Book: Over 300 Step-by-Step Techniques, DK; New edition m 2018