

Name of Faculty	:	Faculty of Design
Name of Program	:	Masters of Design (M.Des.) - Fashion Design
Course Code	:	1MFD01
Course Title	:	Apparel Manufacturing Technology
Type of Course	:	Professional Core
Year of Introduction	:	2023-24

Prerequisite	:	Basics of Fashion Design and Sketching
Course Objective	:	To learn the advance of apparel manufacturing and it's technology
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Knowledge of Clothing industry.
	CO2	Understanding the functioning of a garment manufacturing unit.
	CO3	Learn about design elements in a garment and apply them in styling their appearance.

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
L	T	P		C	Theory Marks		Practical Marks	
SEE	CIA	SEE	CIA					
3	0	4	5	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 CO
UNIT I	The Clothing Industry 1. Structure of the clothing industry 2. Sectors of the clothing industry 3. Product types and organization	8	15%	CO1 CO2
UNIT-II	Organization of Garment Industry 1. Principles of Management 2. Design department 3. Marketing department 4. Finance department 5. Purchasing department	22	40%	CO2

	6. Production department 7. Operations department			
UNIT-III	Manufacturing Technology 1. Cutting Room: Marker planning, lay and methods of cutting 2. Fusing: Cloth, method and equipment 3. Sewing: seams, needles and threads, machinery 4. Finishing: Components and trims, labels and press 5. Quality Control (ISO & TQM).	20	30%	CO2 CO3
UNIT IV	Production and Warehousing 1. Analysis of costs: Manufacturing cost, labour cost, overheads, determination of costs 2. Warehousing: Handling, storage and packaging equipment 3. Visit to a manufacturing unit	10	15%	CO3 CO4

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	Carr Harold and Latham, Barbara ;The Technology of Clothing Manufacture, 2 nd edition 1994.
2	Carr Harold and John Pomeroy ; Fashion Design & Product Developments, 1996.
3	Cooklin Gerry; Introduction to Clothing Manufacture.
4	Chuter A. J.; Introduction to Clothing Production Managements, 1995.
5	Kadolph, S., Quality Assurance for Textile and Apparel, Fairchild Publication, Newyork, 1998