

Name of Faculty	:	Faculty of Design
Name of Program	:	Bachelor of Design (BD)
Course Code	:	2BFD04
Course Title	:	Laundry Science
Type of Course	:	Skill Enhancement (SE)
Year of Introduction	:	2023-24

Prerequisite	:	--
Course Objective	:	The course objective of Laundry Science is to educate students on the principles and techniques of effective garment care and maintenance. Students learn about fabric care labels, proper laundering methods, stain removal techniques, and garment preservation. The course aims to develop students' expertise in laundry science, enabling them to make informed decisions in maintaining the quality and longevity of garments.
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Get to know water as an important agent in laundering practices.
	CO2	Gain hands-on experience in cleaning heavily soiled and silked fabrics.
	CO3	Understand the need for dry-cleaning and its application.
	CO4	Become aware of the laundering practices followed in hotels, hospitals, dry-cleaning units, Dhobi Ghats etc.
	CO5	Be able to identify symbols used for care labels.

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
L	T	P		SEE	CIA	SEE	CIA	Total Marks
2	0	0	2	50	25	00	00	75

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	Water 1 Source, type of hardness & its removal 2 Laundry agents i) soaps & detergents ii) stiffening agent (starch, gum)	20	30%	CO1 CO2

	iii) whitening agent (laundry blues, bleaches, optical brighteners)			
II	Latest laundry equipments Dry cleaning	10	20%	CO3
III	Laundry practices followed in: 1. Hotels 2. Hospitals 3. Dry Cleaning Unit 4. Dhobi ghats 5. Others	10	20%	CO4
IV	Application of laundry methods: i. Laundry of various fiber fabrics ii. Paraffin wash iii. Preparation and use of starch iv. Stain removal Care labels	20	30%	CO5 CO6 CO7 CO8

Suggested Distribution of Theory Marks Using Bloom's Taxonomy

Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	10	20	30	15	15	10

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
6	D'Souza N., Fabric Care. Newagepublishers, 1998
1	Dantyagi Sushila, Textiles and their Care, Orient Longman Ltd. New Delhi.
2	Deulkar Durga, Household Textiles & Laundry work, Atma Ram & Sons. Delhi. 1967.
3	Joseph Marjory L. Essentials of Textiles, Holt Rinehart & Winaton New York., 1976.
4	Michael Wood House J. 1976 Science for Textile Designers, Elek Science London.
5	Trotman E.R. Dyeing & Chemical Technology, London Charles Griffin & company Ltd. 1964.
7	Wynne; The Motivate series, Macmillan education Ltd., London.