



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Textile Technology
Choice Based Credit System (CBCS) in Light of NEP-2020
Generic Elective for UG Courses

SUBJECT CODE	Category	SUBJECT NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		Th	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
GUTX204	GE	LAUNDRY SCIENCE	60	20	20	-	-	4	0	0	4

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs)

1. To understand the water treatment, different soaps, detergents, stiffening agent and blues.
2. To understand the different bleaches, stain removal methods and different laundry equipment.
3. To understand the various storage methods and care of materials.

Course Outcomes (COs):

After completion of this course the students are expected to be able to demonstrate following knowledge, skills, and attitudes. The students will be able

1. To apply their knowledge for doing water treatment, using different soaps, detergents, stiffening agent and blues for stain removals and garment care
2. To apply their knowledge to use different laundry equipment to wash, store and caring of different garment materials.

Syllabus

Unit 1 : WATER, SOAPS AND DETERGENTS 14 h

Source, types of hardness in water, water treatment, properties of laundry soaps, a survey of soaps available in the market for domestic and commercial use, acidic and alkaline laundry reagents.

Unit 2 : STIFFENING AGENTS AND BLUES 11 h

Types of starches and blues, preparation of different starches and blues and their industrial and domestic uses and applications.

Unit 3: BLEACHES AND STAIN REMOVAL 12 h

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Different types of bleaches – oxidizing and reducing, industrial and domestic uses, Types of stains, chemicals, agents and methods used for stain removal.

Unit 4: LAUNDRY EQUIPMENTS AND PRINCIPLES OF WASHING 12 h

Washing machines - industrial and domestic, wet and dry cleaning, principles of washing, laundering of different fabrics and garments, hand and machine wash.

Unit 5: STORAGE AND CARE OF MATERIALS 11 h

Storage, care, and ironing of various fabrics, raw materials, ironing equipment, ironing and folding methods for various garments.

Textbooks

1. Laundry: The Home Comforts Book of Caring for Clothes and Linens by Cheryl Mendelson, Scribner; Reprint edition, 2010.
2. Laundry work. Principles and Practice by Hylda M. Lancaster, Published by Sir Isaac Pitman & Sons, London, 1952.
3. The Art of Laundry Work by Jack, Florence B. Published by T.C. & E.C. JACK, EDINBURG, 1896

References:

1. Textbook of Clothing Textiles and Laundry by Jaspreet Kaur , Neeru Garg , Lotika Gupta , Dr Sushma Gupta, Kalyani Publishers
2. Household Textiles and Laundry Work by Durga Deulkar, Atma Ram, 1965, Original from the University of California and Digitized on 2010.

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