



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Textile Technology
Generic Elective

UBJECT CODE	Category	SUBJECT NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		Th	T	P	CRED ITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
GPTX202	GE	Introduction to Home Textiles	60	20	20	-	-	3	0	0	3

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 provide knowledge about home textiles such as furnishings, floor coverings, carpets, bed linens, kitchen linens, towels, etc.
2. To provide knowledge about the fibers, yarns, and fabric used for home textiles and their requirements.

Course Outcomes (COs):

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

1. To differentiate technical textiles with conventional textiles.
2. To explain the need of home textiles and its products.
3. To explain the fiber and fabric used in home textiles.
4. To understand the different home textiles used in and around.
5. To explain the performance requirements for home textiles.

Syllabus


Unit I Technical Textiles Overview


Definition, Market overview, Classification, Application; Requirement and application of high performance fibers in technical textiles; Requirements and applications of technical yarns and fabrics.


Unit II Introduction to Home Textiles


History, definition, classification of home textiles; Home textile market scenario, home textiles in India.

Unit-III Fibers and fabrics Used in Home Textiles


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Areas of application of home textiles; Application of conventional fibers in home textiles; Application of new and sustainable fibers in home textiles.

Unit-IV Applications of Home Textiles


A detailed study of Furnishings, Floor Covering, Curtain and draperies, living room Furnishing, Bed linen, bath linens, hotel linens, hospital linens and kitchen linens.

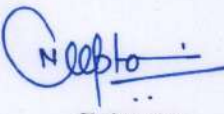
Unit-V Performance Requirements of Home Textiles

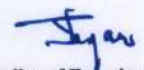
Importance of performance specification, Performance requirements; labelling issues of home textiles and their requirements for home textiles; Flammability regulations for different home textiles; Evaluation of home textiles; Finishes used in home textiles.

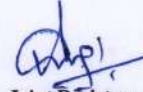
References:

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2. Home Furnishing, V Ramesh Babu & S. Sundaresan, Woodhead Publishing India Pvt Ltd, 2018.
3. Performance of Home Textiles, Subrata Das, Woodhead Publishing India Pvt Ltd, 2010.
4. Technical Textile Yarns, Edited by R. Alagirusamy and A. Das, Woodhead Publishing Limited, 2010.
5. Handbook of Nonwovens, Edited by S. J. Russell, Woodhead Publishing Limited, 2007.


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