

FASHION TECHNOLOGY

SYLLABUS

Unit	Table of Content
1	TEXTILE CHEMISTRY <ul style="list-style-type: none">• Fibre- Classification, Manufacturing Process, Physical and Chemical properties of Natural and Synthetic Fibres• Dyeing• Printing• Finishing• Natural Dyes and its application
2	FABRIC SCIENCE <ul style="list-style-type: none">• Yarn Manufacturing – Conventional Spinning System• Yarn Properties, Types, Yarn Count, Yarn Twist• Fabric Construction – Woven, Knitted, Non-Woven• Other Fabric Construction Techniques & Behaviour• Care and Maintenance of Fabrics
3	TEXTILE AND APPAREL TESTING <ul style="list-style-type: none">• Fibre Testing• Yarn Testing• Fabric Testing• Quality Control• Research Institutes
4	HISTORIC AND TRADITIONAL TEXTILES AND EMBROIDERIES <ul style="list-style-type: none">• Ancient textiles• Traditional textiles of India• Ancient Costumes• Historic Costumes of India• Jewelleries and accessories used by Indians from Vedic period to date• Basic Embroidery stitches• Regional Embroideries• Patchwork, Appliqué work, Quilting, Knitting, Crochet, Special techniques of needle craft
5	CLOTHING NEEDS <ul style="list-style-type: none">• Clothing needs• Factors influencing clothing needs• Selection of clothes for different age groups• General consideration in selection of clothes• Clothing needs related to various activities
6	PATTERN MAKING & CLOTHING CONSTRUCTION <ul style="list-style-type: none">• Basics of sewing techniques and tools used• Principles of Pattern Making & Clothing Construction• Drafting, Draping and Flat Pattern Techniques

	<ul style="list-style-type: none"> • Grading • Fit Components • Pattern Alteration
7	ELEMENTS AND PRINCIPLES OF DESIGN <ul style="list-style-type: none"> • Elements of Design • Principles of Design • Motif, Design and its types • History of Fashion • Fashion – Concept to Consumer • Fashion Design and Illustration • Fashion Designers – National and International
8	FASHION MARKETING AND MERCHANDISING <ul style="list-style-type: none"> • Marketing strategies • Marketing tools • Merchandising and its importance • Export Documentation • Shop Floor Management • Visual Merchandising
9	CAD – CAM IN APPAREL INDUSTRY <ul style="list-style-type: none"> • Computer Applications in Apparel Industry • Computer Aided Knitting • Computer Aided Weaving • Computer Aided Embroidery • Fashion Communication through digital techniques • Advances in Computer Applications in various fields of Fashion and apparel industry
10	RESEARCH METHODOLOGY AND STATISTICS <ul style="list-style-type: none"> • Types of research • Research Design • Methods and techniques of data collection • Analysis of research through appropriate statistical techniques • Writing a research report

Note:

Eligibility for the Post of Assistant Professors in Fashion Technology

Please notify Master's Degree in Textile and Apparel Designing / Textile and Clothing / Apparel Technology and Management / Fashion Technology / Apparel Production / In any other related field