

**M.sc. Textiles and Clothing – I,II,III & IV Semesters**

| <b>Code</b>                                     | <b>Course Name</b>                         | <b>Course Outcomes</b>  |
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| <b>M.Sc. Textiles and Clothing – I Semester</b> |  |   |
| <b>PTCT11</b>                                   | <b>Research Methodology and Statistics</b> | <b>CO1:</b> Research design and concepts<br><b>CO2:</b> Application of Statistics in research<br><b>CO3:</b> Analysing the process of developing a Research Plan.<br><b>CO4:</b> Research process and report preparation<br><b>CO5:</b> Efficient usage of different statistical tools and interpretation of data |
| <b>PTCT12</b>                                   | <b>Textile Science</b>                     | <b>CO1:</b> Analysing the properties of textile fibre, yarn and fabric<br><b>CO2:</b> Sequence of spinning processes<br><b>CO3:</b> Manufacturing process of Fiber, yarn and fabric<br><b>CO4:</b> Developing fibres into fabric<br><b>CO5:</b> Latest weaving technologies                                       |
| <b>PTCT13</b>                                   | <b>Surface Embellishments</b>              | <b>CO1:</b> Fundamentals of hand embroidery techniques<br><b>CO2:</b> Machine embroidery stitches<br><b>CO3:</b> Special Embroidery stitches<br><b>CO4:</b> Origin of various traditional Indian embroideries<br><b>CO5:</b> Care and Maintenance of Embroidery Articles  |
| <b>PTCP11</b>                                   | <b>Fashion Sketching Practical – I</b>     | <b>CO1:</b> Garment design creation<br><b>CO2:</b> Developing fashion figures using head theories<br><b>CO3:</b> Sketching of different action croqui<br><b>CO4:</b> Applying colors on garment designs<br><b>CO5:</b> Developing fashion figures using photos, pictures and                                      |

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| <b>PTCE11</b> | <b>Apparel Machinery &amp; Equipment</b> | <b>CO1:</b> Fabric spreading and marking methods<br><b>CO2:</b> Various cutting equipment and tools<br><b>CO3:</b> Basic sewing machines, common sewing problems and their maintenance<br><b>CO4:</b> Speciality sewing machines<br><b>CO5:</b> Pressing, folding and packing equipment |

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| <b>M.Sc. Textiles and Clothing – II Semester</b> |   |  |
| <b>PTCT21</b>                                    | <b>Textile Processing and Finishing</b> | <b>CO1:</b> Fabric preparatory process<br><b>CO2:</b> Classification of fabric finishes<br><b>CO3:</b> Functional finishes<br><b>CO4:</b> Special purpose finishes<br><b>CO5:</b> Environmental impacts of textile industry  |
| <b>PTCT22</b>                                    | <b>Home Textiles</b>                    | <b>CO1:</b> Selection of home furnishing materials<br><b>CO2:</b> Application of different floor coverings<br><b>CO3:</b> Usage and care of wall coverings and draperies<br><b>CO4:</b> Different types of bed and kitchen lines and their significance and handling procedures<br><b>CO5:</b> Selection, care and maintenance of Table linens |
| <b>PTCT23</b>                                    | <b>Personality Development</b>          | <b>CO1:</b> Evaluate their own personal appearance<br><b>CO2:</b> Gain knowledge on skin and facial care   |

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|               |  | <p><b>CO3:</b>Acquire ideas on various make – up techniques along with safety precautions</p> <p><b>CO4:</b>Attain knowledge about wardrobe selection and planning techniques</p> <p><b>CO5:</b>Develop efficacy in communication</p>   |
| <b>PTCP22</b> | <b>Dyeing and Printing Techniques Practical – II</b> | <p><b>CO1:</b>Preparation and process of Direct and reactive dyed samples</p> <p><b>CO2:</b>Application of suitable Dye on different fabric types</p> <p><b>CO3:</b>Analyse suitable printing techniques on fabrics</p> <p><b>CO4:</b>Evaluate the different types of technique applied in dyeing and printing.</p> <p><b>CO5:</b>Development of a garment design using printing techniques</p> |
| <b>PTCE22</b> | <b>Clothing Psychology</b>                           | <p><b>CO1:</b>Development of garment design using inspirational themes</p> <p><b>CO2:</b>Elements and principles of design</p> <p><b>CO3:</b>Creating garment design using design psychology.</p> <p><b>CO4:</b>Selection of clothes based on body proportion</p> <p><b>CO5:</b>Assessment of body appearance and fabric textures</p>   |

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| <b>M.Sc. Textiles and Clothing – III Semester</b> |                    |                        |

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| <b>PTCT31</b> | <b>Application of Computer in fabric and fashion Design</b>     | <p><b>CO1:</b>Computer basics</p> <p><b>CO2:</b>Computer aided Pattern grading and marker planning</p> <p><b>CO3:</b>Computer aided color matching</p> <p><b>CO4:</b>Draping on Mannequins to check the fitting and texture mapping</p> <p><b>CO5:</b>CAD in fabric and garment design</p>  |
| <b>PTCT32</b> | <b>Technical Textiles</b>                                       | <p><b>CO1:</b>Classification of technical textiles</p> <p><b>CO2:</b>Importance of Filtration and geo textiles</p> <p><b>CO3:</b>Application of Medical and protective textiles</p> <p><b>CO4:</b>Analyse different types of products for Sports and recreation textiles</p> <p><b>CO5:</b>Design requirement for automotive textiles</p> |
| <b>PTCT33</b> | <b>Business Communication</b>                                   | <p><b>CO1:</b>Business communication and its process</p> <p><b>CO2:</b>Significance of active and poor listening</p> <p><b>CO3:</b>Presentation skills</p> <p><b>CO4:</b>Business correspondence</p> <p><b>CO5:</b>Letter correspondence in business communication</p>  |
| <b>PTCP33</b> | <b>Design and Construction of Women's Outfit Practical –III</b> | <p><b>CO1:</b>Drafting procedure for garment development</p> <p><b>CO2:</b>Collection of materials suitable for garment design</p> <p><b>CO3:</b>Fabric cutting and construction</p> <p><b>CO4:</b>Garment enrichment</p> <p><b>CO5:</b>Cost calculation of finished garment</p>  |
| <b>PTCE33</b> | <b>Advanced Pattern Making Techniques</b>                       | <p><b>CO1:</b>Principles of pattern making</p> <p><b>CO2:</b>Flat pattern techniques</p> <p><b>CO3:</b>Creating Styles in Pattern Making</p> <p><b>CO4:</b>Principles and importance of pattern alteration</p>  |

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|  |  | <b>CO5:</b> Garment fitting techniques |
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| <b>M.Sc. Textiles and Clothing – IV Semester</b> |                                     |   |
| <b>PTCT41</b>                                    | <b>Visual Merchandising</b>         | <b>CO1:</b> Elements of visual merchandising<br><b>CO2:</b> Types of Mannequins and fixtures for presentation<br><b>CO3:</b> Attention devices for better ambiance<br><b>CO4:</b> Planning of store and merchandise presentation<br><b>CO5:</b> Industrial display and fashion shows        |
| <b>PTCT42</b>                                    | <b>Entrepreneurship Development</b> | <b>CO1:</b> Features and importance of entrepreneurship<br><b>CO2:</b> Types and role of entrepreneurs for sustainable growth<br><b>CO3:</b> Theories of entrepreneurial motivation<br><b>CO4:</b> Inventory and personnel management<br><b>CO5:</b> Project identification and formulation |