

TAI2886 Apparel Technology

Level	2
Course Code	TAI2886
Course Title	Apparel Technology
Credit value	8
Core/Optional	Core
Prerequisites	None
Course Aim/s	To provide necessary technical knowledge to manufacture garments and planning and organising the production activities of a garment industry productively.
Course Learning Outcomes (CLO):	<p>After the completion of the course, student should be able to,</p> <p>CLO1: Identify suitable method of pattern construction and the basic requirements to construct patterns</p> <p>CLO2: Take different body measurements from male and female figures</p> <p>CLO3 : Use the standard size charts to obtain necessary body measurements for pattern construction</p> <p>CLO4 : Develop basic patterns for women’s wear and men’s wear.</p> <p>CLO5: Classify the seams, stitches and sewing machines.</p> <p>CLO6: Describe the formation of different types of stitches</p> <p>CLO7: Select suitable sewing machines with different types of presser feet and feeding mechanisms for different applications.</p> <p>CLO8: Select appropriate lining and interlinings for garments</p> <p>CLO9: Select appropriate closures for garments</p> <p>CLO10: Select correct trims for garments</p> <p>CLO11: Use different spreading techniques and cutting knives to spread and cut fabric panels</p> <p>CLO12: Identify and rectify the faults which occur during the process of garment manufacturing</p> <p>CLO13: Design machine layouts for various production systems and suitable material handling systems for transportation of cut and partly sewn garments in the production floor.</p> <p>CLO14: Select the suitable sewing threads for stitching garments for various end uses</p> <p>CLO15: Apply techniques of garment pressing, garment washing, garment printing and stain removal</p> <p>CLO16: Select suitable labels to be attached for the for the finished garments</p> <p>CLO17: Prepare operation breakdowns for different types of garments and stitch garments.</p> <p>CLO18: Apply the methods of quality control for incoming raw materials and</p>

	<p>finished garments.</p> <p>CLO19: Use appropriate techniques in storing raw materials and in packing finished goods</p> <p>CLO20: Understand the role and responsibilities of a manager.</p> <p>CLO21: Apply different techniques of safety measures whenever necessary in the working environment.</p>
Content	<p>Outline syllabus</p> <p>Unit I Basics of Garments</p> <p>Unit II Introduction to garment manufacturing technology</p> <p>Unit III Management functions of a garment factory</p> <p>Supplementary Material</p> <p>Operational break downs</p> <p>Laboratory Work: Take body measurements from a person and draft basic patterns for women's and Men's wear. Identify commonly used seams and stitch types and stitch samples using different sewing machines.</p>