

## TAX3331 Garment Analysis and Sewing Machinery

<b>Level</b>	3
<b>Course Code</b>	TAX3331
<b>Course Title</b>	Garment Analysis and Sewing Machinery
<b>Credit value</b>	3
<b>Core/Optional</b>	Core (Textile and Clothing), Core (Apparel Production and Management, Textile Manufacture, Fashion Design and Product Development)
<b>Course Aim/s</b>	To provide necessary technical knowledge to analyse garments
<b>Course Learning Outcomes (CLO):</b>	<p>After the completion of the course, student should be able to,</p> <p>CLO1: Develop new garments and position them correctly in the relevant market segment</p> <p>CLO 2: Analyze the garments related to various aspects such as size, fit, materials and accessories used, component assembly, final assembly, presentations of garments etc.</p> <p>CLO 3: Identify the relevant testing standards and perform the necessary tests when analyzing garments</p> <p>CLO 4: Classify the seams, stitches, sewing machines and attachments as per the international standards</p> <p>CLO 5: Describe the properties, characteristics and applications of different types of seams and stitches</p> <p>CLO 6: Describe the formation of different types of stitches in different types of sewing machines</p> <p>CLO 7: Design high quality garments by selecting appropriate seams, stitches, sewing machines and attachments</p> <p>CLO 8: Select appropriate sewing machines equipped with different presser feet and feeding mechanisms and needles for different applications to minimize the sewing problems</p> <p>CLO 9: Identify the sewing problems and give technical solutions to overcome such Problems</p>
<b>Content</b>	<p><b>Outline syllabus</b></p> <p>Unit I – Garment development and analysis</p> <p>Unit II – Seams</p> <p>Unit III – Stitches</p> <p>Unit IV – Sewing machines</p> <p>Unit V – Sewing machine parts and accessories</p> <p>Unit VI – Automation and modern developments</p>