

TAX5349 Nonwoven textiles

Level	5
Course Code	TAX5349
Course Title	Nonwoven textiles
Credit value	3
Core/Optional	Core (Textile and Clothing)
Course Aim/s	To provide comprehensive knowledge of nonwoven manufacturing processes and the applications of nonwoven products.
Course Learning Outcomes (CLO):	<p>After completing the course, student should be able to:</p> <p>CLO1: Differentiate nonwoven textiles with other conventional textiles and describe major stages of nonwoven manufacturing.</p> <p>CLO2: Describe the growth and future perspectives of nonwoven industry.</p> <p>CLO3: Select appropriate nonwoven textiles for various applications.</p> <p>CLO4: Select suitable machines and techniques for nonwoven web formation.</p> <p>CLO5: Use the knowledge of nano fibre manufacturing technology to produce nonwoven textiles.</p> <p>CLO6: Apply the knowledge of various web consolidation techniques for Manufacturing nonwoven textiles.</p> <p>CLO7: Select appropriate textile fibres for the production of nonwoven textile.</p> <p>CLO8: Apply the knowledge of dry-, wet- and chemical- finishes in nonwoven textiles manufacturing.</p>
Content	<p>Outline Syllabus:</p> <p>Unit 1: Induction to Non-woven textiles and their applications</p> <p>Unit 2: Non-woven textiles manufacturing</p> <p>Unit 3: Raw materials and finishing techniques for non- woven textiles</p>