

TAX5551 Textile Colouration

Level	Level 5
Course Code	TAX5551
Course Title	Textile Colouration
Credit value	5
Core/Optional	Elective (Apparel Production and Management, Fashion Design and Product Development)
Prerequisites	45 credits (P)
Course Aim/s	to provide the knowledge about pre-treatments, coloration, printing and finishing processes and different dyestuffs & chemical reagents used.
Course Learning Outcomes (CLO):	<p>After completing this course, student should be able to,</p> <p>CLO 1: Describe the processes and machinery used in desizing and scouring</p> <p>CLO 2: Explain the functions of detergents and alkali treatment in textile processing</p> <p>CLO 3: Perform bleaching and other pre-treatment processes efficiently for various textile fibres and their blends</p> <p>CLO 4: Describe basic principles of dyeing and machinery used in textile industry.</p> <p>CLO 5: Elect appropriate dye types and machinery used in textile colouration.</p> <p>CLO 6: Select appropriate techniques and suitable colourants used in textile printing</p> <p>CLO 7: Apply the knowledge of various mechanical and chemical methods in textile finishing</p> <p>CLO 8: Describe current and future trends in textile finishing</p>
Content (Main topics, sub topics)	<p>Outline Syllabus:</p> <p>Unit 1: Desizing and chemical cleaning</p> <p>Unit 2: Washing, Detergency and Mercerization</p> <p>Unit 3: Bleaching</p> <p>Unit 4: Introduction to Dyeing</p> <p>Unit 5: Dye Types</p> <p>Unit 6: Dyeing Fundamentals</p> <p>Unit 7: Printing Methods</p> <p>Unit 8: Printing with Different Dyes</p> <p>Unit 9: Textile Finishing</p>