Level	Level 4
Course Code	TAX4361
Course Title	Knitting Technology
Credit value	3
Core/Optional	Core(Textile Manufacture)
Prerequisites	15 credits (P)
Course Aim/s	To provide the theoretical and practical knowledge of manufacturing quality knitted fabrics using weft and warp knitting techniques.
Course Learning Outcomes (CLO):	At the end of the course, student should be able to: CLO1: Describe various knitting technologies and their developments CLO2: Describe various requirements of yarns to produce a quality knitted fabric CLO3: Explain the machines, elements and technology involved in warp and weft knitting CLO4: Produce various weft and warp knitted structures using appropriate techniques CLO5: Explain the properties & characteristics and applications of various warp and weft knitted structures CLO6: Perform required calculations to design warp and weft knitted structures CLO7: Describe the special techniques used in manufacturing knitted garments CLO8: Identify the common quality issues occurred in manufacturing and suggest the solutions for them
Content **(Main topics, sub topics)**	**Outline Syllabus:** Unit I : Introduction to Knitting Unit II : Weft knitting machinery Unit III: Weft knitted structures Unit IV: Warp knitting Unit V : Knitting calculation Unit VI : Miscellaneous topics in knitting