

Name of Faculty: Dr Sushma			
Branch: Textile Technology			
Subject: Introduction to Textile Processes			
Lesson plan Duration: 16 weeks(Jan 2026-May 2026)			
Work load (Lecturer): Th= 3 per week			
Week		Topics	
1	(12 th Jan-16 th Jan)	Flow chart of raw material, machines, process and end product for conversion of fibre into yarn	
2	(19 th Jan-23 rd Jan)	Flow chart of raw material, machines, process and end product for conversion of fibre into yarn	
		Flow chart of raw material, machines, process and end product for conversion of yarn into woven or knitted fabric, and finished fabrics.	
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3	(26 th Jan-30 th Jan)	Holiday	
		Objects of mixing and blending. Comparison of mixing with blending Objects of Blow room. Sequence of modern blow room line.	
		Objects of Carding. Main parts of carding machine.	
4	(2 nd Feb-6 th Feb)	Objects of Carding. Main parts of carding machine.	
		Objects of Draw frame. Draft and its type.	
		Doubt class	
5	(9 th Feb-13 th Feb)	Breaker and finisher draw frame.	
		Objects of Lap former. Objects of Comber.	
		Revision class	
6	(16 th Feb-20 th Feb)	Ist Sessional	
		Ist Sessional	
		Sessional Paper solution	
7	(23 rd Feb-27 th Feb)	Linking of lap former and comber.	
		Objects of Speed frame and Ring frame.Main parts of Ring frame.	
		Objects of Winding. Parts of Winding machine.	
8	(2 nd March-6 th March)	Objects of Warping	
		Objects of Sizing	
		Different Sizing ingredients and their functions	
9	(9 th March-13 th March)	Parts of sizing machines.	
		Objects of Threading and Drawing-in.	
		Doubt class	
10	(16 th March-20 th March)	Doubt class	
		2nd Sessional	
		2nd Sessional	
11	(23 rd March-27 th March)	Sessional Paper solution	
		Terminology of Weaving, warp, weft. Passage of material through Loom.	
		Holiday	

12	(30 th March-3 rd April)	Classifications of loom.	
		Holiday	
		Types of motions in loom. Primary. Secondary and auxiliary motions and its definitions	
13	(6 th April-10 th April)	Comparing knitted with woven fabrics.	
		Comparing knitted with woven processes	
		Definitions of Knitting, weft knitting, warp knitting, stitch, course, and wale. Passage of material through flat bed knitting machine	
14	(13 rd April-17 th April)	Passage of material through circular bed knitting machine. Discussing various type of Warp v/ s weft knitting.	
		Holiday	
		Definition of numbering system. Defining direct system with reference to tex, denier.	
15	(20 th April-24 th April)	3rd Sessional	
		3rd Sessional	
		3rd Sessional	
16	(27 th April- 30 th April)	Paper solving	
		Relationship between tex, denier and English count.	
		Revision class	