

Lesson Plan

		Name of Faculty : Atul Kumar
		Discipline: Textile Technology
		Textile Technology Semester: 1st
		Subject: Textile Fibres
		Lesson Plan Duration:
Week	Lecture	Work Load (Lecture) per week (in hours): Th = 2 per week
1	1	General concept of Textile, fiber, yarn, fabrics and wet processing.
	2	Definition of Textile fiber and filament.
2	1	Classification of Textile fibers according to nature and origin.
	2	General physical properties of Textile Fibers. General chemical properties of Textile Fibers.
3	1	Origin and nature of Cotton fibres with Appearance
	2	Longitudinal and cross sectional view of cotton fibres (structure).
4	1	Chemical structure of cotton fibre.Impurities in cotton.
	2	Physical & chemical properties of Cotton fibres.
5	1	Sessional-1
	2	End use of Cotton Fibre.
6	1	Origin, nature and appearance of Wool Fibre.
	2	Impurities in wool. Physical properties of Wool Fibre.
7	1	Chemical properties of Wool Fibre. End use of Wool.
	2	Origin, nature and appearance of Silk Fibre.
8	1	Impurities in Silk. Physical & chemical properties of Silk Fibre. End use of Silk
	2	Origin, nature and appearance of Jute Fibre.
9	1	Sessional-2
	2	Impurities in Jute. Physical & chemical properties of Jute Fibre. End use of Jute
10	1	Monomers of regenerated fibres. Sequence of steps for making viscose fibre.
	2	Formula, physical & chemical properties Viscose rayon. End use of Viscose rayon.
11	1	Monomers of regenerated fibres Acetate rayon.Sequence of steps for making acetate fibre.
	2	Formula, physical & chemical properties Acetate rayon. End use of Acetate rayon
12	1	Monomers, formula of Acrylic fibre. Physical properties of Acrylic fibre.
	2	Chemical properties, and end use of Acrylic and modified Acrylic fibre.
13	1	Sessional-3
	2	Monomers, formula, physical properties of Nylon 6 fibre. Chemical properties, and end use of nylon6.
14	1	Monomers, formula, physical properties of Nylon 66 fibre. Chemical properties, and end use of nylon66.
	2	Monomers, formula ,Physical properties, chemical properties, and end use of Polyester.
15	1	Monomers, formula of Spandex and Lycra.
	2	Physical properties, chemical properties, and end use of Spandex and Lycra.