

		<u>Lesson Plan</u>
		Name of Faculty : Atul Kumar
		Discipline: Textile Technology
		Textile Technology Semester: 6th
		Subject: Textile Testing-2
		Lesson Plan Duration: 15 weeks
Weeks	Lecture	Work Load (Lecture per week (in hours): Th = 3 per week
1	1	Fabric strength testing by Tensile Strength Tester
	2	Fabric strength testing by Tensile Strength Tester
	3	Tearing Strength Tester for fabric
2	1	Tearing Strength Tester for fabric
	2	Bursting strength testing of fabric by Hydraulic bursting Strength Tester.
	3	Seam Slippage Test.
3	1	Definition of air permeability
	2	Definition of air resistance
	3	Porosity Measurement of fabric by Shirley Air Permeability Tester.
4	1	Fabric GSM measurement and its importance.
	2	Abrasion resistance and serviceability
	3	Wear and abrasion test on fabrics
5	1	1st sessional Exam
	2	Definition of Abrasion, Stiffness, Handle & drape.
	3	Test of Pilling of Fabric by using ICI Pilling Tester
6	1	Definition of Crease recovery and crease resistance.
	2	Measurement of crease recovery by Shirley Crease Recovery Tester.
	3	Fabric shrinkage
7	1	Fabric shrinkage.
	2	Fabric relaxation and felting
	3	Fabric relaxation and felting
8	1	Measurement of fabric shrinkage
	2	Measurement of fabric shrinkage
	3	Fabric cover, and its relation with fabric properties.
9	1	2nd sessional exam
	2	Fabric cover, and its relation with fabric properties.

	3	Methods of determination of colour fastness to washing.
10	1	Methods of determination of colour fastness to washing.
	2	Methods of determination of colour fastness to perspiration (acidic and alkaline).
	3	Methods of determination of colour fastness to perspiration (acidic and alkaline).
11	1	Methods of determination of colour fastness to rubbing (dry and wet)
	2	Methods of determination of colour fastness to rubbing (dry and wet)
	3	Methods of determination of colour fastness to light.
12	1	Methods of determination of colour fastness to light.
	2	Methods of determination of colour fastness to sublimation.
	3	Methods of determination of colour fastness to sublimation.
13	1	Wettability test for fabric water proofing
	2	Wettability test for fabric water proofing
	3	Wettability test for fabric shower proofing.
14	1	Wettability test for fabric shower proofing.
	2	3rd sessional
	3	Drop penetration test.
	1	Drop penetration test.
15	2	Previous paper solving and practising
	3	Query class
		Query class