

LESSON PLAN

DEPARTMENT OF TEXTILE TECHNOLOGY, ITT, CHOUDWAR

SUBJECT: TEXTILE TESTING LAB-II

SEMESTER: 6th

NAME OF FACULTY: SANJAY KUMAR MALLA/ P.K. SAHOO

Periods: 4 per week

No. of weeks/Sem as per SCTE&VT, Odisha Textile Tech/ Engg Syllabus: 15

Week	Class Day	Theory / Practical Topics
1st	Group-B (02 hours)	Determination of CSP value of the given Yarn by using wrap reel, Knowles balance & Lea Strength Tester.
	Group-B (02 hours)	Determination of CSP value of the given Yarn by using wrap reel, Knowles balance & Lea Strength Tester.
	Group-A (02 hours)	Determination of CSP value of the given Yarn by using wrap reel, Knowles balance & Lea Strength Tester.
	Group-A (02 hours)	Determination of CSP value of the given Yarn by using wrap reel, Knowles balance & Lea Strength Tester.
2nd	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of single Yarn twist by using Single Yarn Twist Tester.
	Group-A (02 hours)	Determination of single Yarn twist by using Single Yarn Twist Tester.
3rd	Group-B (02 hours)	Determination of single Yarn twist by using Single Yarn Twist Tester.
	Group-B (02 hours)	Determination of single Yarn twist by using Single Yarn Twist Tester.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Class for any shortfalls/Revision
4th	Group-B (02 hours)	Determination of double Yarn twist by using Double Yarn Twist Tester.
	Group-B (02 hours)	Determination of double Yarn twist by using Double Yarn Twist Tester.
	Group-A (02 hours)	Determination of double Yarn twist by using Double Yarn Twist Tester.
	Group-A (02 hours)	Determination of double Yarn twist by using Double Yarn Twist Tester.
5th	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of single Yarn & double Yarn twist by using Electronics Twist Tester.
	Group-A (02 hours)	Determination of single Yarn & double Yarn twist by using Electronics Twist Tester.
6th	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of Yarn strength by using single yarn Strength Tester.
	Group-A (02 hours)	Determination of Yarn strength by using single yarn Strength Tester.

7 th	Group-B (02 hours)	Determination of Yarn strength by using single yarn Strength Tester.
	Group-B (02 hours)	Determination of Yarn strength by using single yarn Strength Tester.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Class for any shortfalls/Revision
8 th	Group-B (02 hours)	Determination of following fabric particulars such as (1)EPI (2)PPI (3)Warp count (4)Weft count
	Group-B (02 hours)	Determination of following fabric particulars such as (1)EPI (2)PPI (3)Warp count (4)Weft count
	Group-A (02 hours)	Determination of following fabric particulars such as (1)EPI (2)PPI (3)Warp count (4)Weft count
	Group-A (02 hours)	Determination of following fabric particulars such as (1)EPI (2)PPI (3)Warp count (4)Weft count
9 th	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of following fabric particulars such as (1) GSM (2) Fabric cover (3) Size pick up
	Group-A (02 hours)	Determination of following fabric particulars such as (1) GSM (2) Fabric cover (3) Size pick up
10 th	Group-B (02 hours)	Determination of following fabric particulars such as (1) GSM (2) Fabric cover (3) Size pick up
	Group-B (02 hours)	Determination of following fabric particulars such as (1) GSM (2) Fabric cover (3) Size pick up
	Group-A (02 hours)	Determination of following fabric particulars such as (1) GSM (2) Fabric cover (3) Size pick up
	Group-A (02 hours)	Determination of following fabric particulars such as (1) GSM (2) Fabric cover (3) Size pick up
11 th	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of tearing strength of the given fabric by using Fabric Tearing Strength Tester.
	Group-A (02 hours)	Determination of tearing strength of the given fabric by using Fabric Tearing Strength Tester.
12 th	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of tensile strength of the fabric by using Vertical Fabric Strength Tester.
	Group-A (02 hours)	Determination of tensile strength of the fabric by using Vertical Fabric Strength Tester.
13 rd	Group-B (02 hours)	Determination of tensile strength of the fabric by using Vertical Fabric Strength Tester.
	Group-B (02 hours)	Determination of tensile strength of the fabric by using Vertical Fabric Strength Tester.
	Group-A (02 hours)	Determination of tensile strength of the fabric by using Vertical Fabric Strength Tester.
	Group-A (02 hours)	Determination of tensile strength of the fabric by using Vertical Fabric Strength Tester.

14 th	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of Yarn crimp % in a fabric by using Crimp Tester.
	Group-A (02 hours)	Determination of Yarn crimp % in a fabric by using Crimp Tester.
15 th	Group-B (02 hours)	Determination of Yarn crimp % in a fabric by using Crimp Tester.
	Group-B (02 hours)	Determination of Yarn crimp % in a fabric by using Crimp Tester.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Class for any shortfalls/Revision