

LESSON PLAN

DEPARTMENT OF TEXTILE TECHNOLOGY, ITT, CHOUDWAR

SUBJECT: TEXTILE TESTING LAB-I **Periods:** 4 per week **SEMESTER:** 5th

NAME OF FACULTY: SANJAY KUMAR MALLA

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

Week	Class Day	Theory / Practical Topics
1st	Group-A (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	Group-B (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	Group-A (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	Group-B (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
2 nd	Group-A (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	Group-B (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	Group-A (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	Group-B (02 hours)	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
3 rd	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	Group-B (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
4 th	Group-A (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	Group-B (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	Group-A (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	Group-B (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
5 th	Group-A (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	Group-B (02 hours)	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
6 th	Group-A (02 hours)	Determination of trash content of the given cotton sample by using Trash Analyser

	Group-B (02 hours)	Determination of trash content of the given cotton sample by using Trash Analyser
	Group-A (02 hours)	Determination of trash content of the given cotton sample by using Trash Analyser
	Group-B (02 hours)	Determination of trash content of the given cotton sample by using Trash Analyser
7 th	Group-A (02 hours)	Determination of trash content of the given cotton sample by using Trash Analyser
	Group-B (02 hours)	Determination of trash content of the given cotton sample by using Trash Analyser
	Group-A (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	Group-B (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
8 th	Group-A (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	Group-B (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	Group-A (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	Group-B (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
9 th	Group-A (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	Group-B (02 hours)	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
10 th	Group-A (02 hours)	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	Group-B (02 hours)	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	Group-A (02 hours)	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	Group-B (02 hours)	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
11 th	Group-A (02 hours)	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer.
	Group-B (02 hours)	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer.
	Group-A (02 hours)	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer.
	Group-B (02 hours)	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer.
12 th	Group-A (02 hours)	Determination of hank of the given silver by using Wrap block and physical balance
	Group-B (02 hours)	Determination of hank of the given silver by using Wrap block and physical balance
	Group-A	Determination of hank of the given silver by using Wrap block and physical balance

	(02 hours)	
	Group-B (02 hours)	Determination of hank of the given silver by using Wrap block and physical balance
13 rd	Group-A (02 hours)	Determination of hank of the given roving by using Wrap block and physical balance
	Group-B (02 hours)	Determination of hank of the given roving by using Wrap block and physical balance
	Group-A (02 hours)	Determination of hank of the given roving by using Wrap block and physical balance
	Group-B (02 hours)	Determination of hank of the given roving by using Wrap block and physical balance
14 th	Group-A (02 hours)	Determination of count of the given yarn by using Wrap Reel and physical balance
	Group-B (02 hours)	Determination of count of the given yarn by using Wrap Reel and physical balance
	Group-A (02 hours)	Determination of count of the given yarn by using Wrap Reel and physical balance
	Group-B (02 hours)	Determination of count of the given yarn by using Wrap Reel and physical balance
15 th	Group-A (02 hours)	Determination of count of the given yarn by using Wrap Reel and physical balance
	Group-B (02 hours)	Determination of count of the given yarn by using Wrap Reel and physical balance
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision