LESSON PLAN

SUB:Textile Testing-I Lab

BRANCH:-TEXTILEENGG.

SEMESTER: 5th

SESSION:2025-26

NAME OF FACULTY: Shreepati Sundar Upadhyay (Lect.S-II, TextileTech.)



GOVERNMENTPOLYTECHNIC, BHADRAK

Academic In-charge Textile Engg.Dept

AcademicCo-ordinator Govt.Polytechnic,Bhadrak

Govt.Polytechnic,Bhadrak

LESSON PLAN

DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK

SUBJECT: Textile Testing-I (Lab.) Periods: 5per week SEMESTER: 5th NAME OF FACULTY: S.S UPADHYAY ACADEMIC YEAR: 2025-2026

Semester From date: 14.7.2025 To Date: 15.11.2025 No. of weeks: 15

Week	Class Day	ester From date: 14.7.2025 To Date: 15.11.2025 No. of weeks: 15 Practical Topics
	lst	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
lst	2nd	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	3rd	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	4th	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	5th	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	1st	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	2nd	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
2nd	3rd	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	4th	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	5th	Determination of Mean length , effective length , percentage of short fibres and percentage of dispersion by using Baer sorter
	1 st	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
3rd	2nd	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	3rd	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	4th	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	5th	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	1st	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	2nd	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
th	3rd	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	4th	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	5th	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
5th	1st	Determination of Maturity percentage, maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	2nd	Determination of Maturity percentage, maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method

	3rd	the given cotton sample by Caustarian Method
	4th	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	5th	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
6th	1 st	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	2nd	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	3rd	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	4th	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	5th	Determination of Maturity percentage, maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
7th	İst	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	2nd	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	3rd	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	4th	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
	5th	Determination of Maturity percentage , maturity ratio and maturity co-efficient of the given cotton sample by Caustarian Method
8th	İst	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	2nd	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	3rd	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	4th	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	5th	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
9th	Ist	Determination of Fiber, Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	2nd	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	3rd	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	4th	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	5th	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
th	lst	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer
	2nd	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break
	3rd	of the cotton sample by using Stelometer Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer

	4th	Determination of Fiber , Tenacity in gm/tex and elongation percentage at break Determination of Fiber , Tenacity in gm/tex and elongation percentage at break
	5th	of the cotton sample by using Stelometer Determination of Fiber , Tenacity in gm/tex and elongation percentage at break of the cotton sample by using Stelometer Determination of Fiber .
11th	lst	
	2nd	
	3rd	Determination of Fiber 7
	4th	Determination of Fiber To-
	5th	Determination of Fiber Tanasia
	1st	of the cotton sample by using Stelometer
	2nd	Section and of trash content of the given cotton complete in Total
2th	3rd	Track Analysis
	4th	Track Analysis
	5th	or trasii content of the given cotton sample by using Trash Analysis
	1st	or trash content of the given cotton sample by using Trash Analyser
	2nd	Trash Content of the given cotton sample by using Trash Analyser
3th	3rd	Trash Content of the given cotton sample by using Trash Analyser
	4th	Trash Content of the given cotton sample by using Trash Analyser
	5th	Determination of trash content of the given cotton sample by using Trash Analyser
		Determination of trash content of the given cotton sample by using Trash Analyser
	lst	Reel/block and physical balance
	2nd	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
4th	3rd	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	4th	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	5th	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	1 st	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
5th	2nd	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	3rd	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	4th	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	5th	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance

Signature of Lecturer Textile Engg.Dept.

Academic in-charge Textile Engg.Dept. Signature of
Academic Co-Ordinator
Govt.Polytechnic,Bhadrak/