LESSON PLAN

SUB: Textile Testing-I(Lab)

BRANCH: - TEXTILE ENGG.

SEMESTER: 5th

NAME OF FACULTY: Shreepati Sundar Upadhyay (Lect. Textile Tech.)



GOVERNMENT POLYTECHNIC, **BHADRAK**

(I/C) Textile Engg.

Academic Co-ordinator

Principal Govt. Polytechnic, Bhadrak

LESSON PLAN

DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK

SUBJECT: Textile Testing - 1 Lab Periods: 5 per week SEMESTER: 5th NAME OF FACULTY: S.S UPADHYAY ACADEMIC YEAR: 2022-2023

Semester From date: 15.9,2022 To Date: 22.12.2022 No. of weeks: 15

Week	Class Day	Theory / Practical Topics
	lst	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
lst	3rd	Determination of Mean length, effective length, percentage of short fibres and percentage of dispersion by using Baer sorter
	3 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
	lst	Determination of Mean length , effective length , percentage of short
	2nd	fibres and percentage of dispersion by using Baer sorter Determination of Mean length, effective length, percentage of short
	2na	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
	5th	fibres and percentage of dispersion by using Baer sorter Determination of Mean length , effective length , percentage of short
		fibres and percentage of dispersion by using Baer sorter
	1st	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
	2nd	Determination of moisture content and moisture regain of the given fibre sample by using hot air oven
3rd	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
4th	3rd	Determination of fibre fineness and maturity percentage of the given cotton sample by using ATIRA Fineness tester
	4th ا	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
	lst	Determination of Maturity percentage, maturity ratio and maturity conficient of the given cotton sample by Caustarian Method

5th	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
	lst	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
6th	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
	lst	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
7th	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	1st	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

	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
	(A = 19)	percentage at break of the cotton sample by using Stelometer
9th	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
	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 of the cotton sample by using Stelometer
10th	3rd	Determination of Fiber , Tenacity in gm/tex and elongation percentage
		lat 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
	3 4	percentage at break of the cotton sample by using Stelometer
		Determination of Fiber , Tenacity in gm/tex and elongation percentage
	lst	at break of the cotton sample by using Stelometer
	2-3	Determination of Fiber , Tenacity in gm/tex and elongation
	2nd	at break of the cotton sample by using Stelometer
1		Determination of Fiber , Tenacity in gm/tex and elongation
11th	3rd	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
		Determination of Fiber , Tenacity in gm/tex and elongation
	5th	percentage at break of the cotton sample by using Stelometer
	lst	Determination of trash content of the given cotton sample by using Trash Analyser
		Determination of trash content of the given cotton sample by using
	2nd	Trash Analyser
	Part of the state	Determination of trash content of the given cotton sample by using
12th	3rd	Trash Analyser
	4th	Determination of trash content of the given cotton sample by using
		Trash Analyser
		Determination of trash content of the given cotton sample by
	5th	using Trash Analyser
		Determination of trash content of the given cotton sample by using
	lst	Trash Analyser
		Determination of trash content of the given cotton sample by
	2nd	using Trash Analyser
	3rd	Determination of trash content of the given cotton sample by
13th		using Trash Analyser
	4th	Determination of 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

	lst	Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance
	2nd	Determination of count/hank of the given yarn/silver /roving by using
14th	3rd	Determination of count/hank of the given yarn/silver /roving by dama
	4th	Determination of count/hank of the given yarn/sliver /10ving 2/
17	5th	Determination of count/hank of the given yarn/sirver
	lst	Determination of count/hank of the given yarry sive
	2nd	Determination of count/hank of the second
15th	3rd	Using Wrap Reel/block and physical balance Determination of count/hank of the given yarn/silver /roving by using Wrap Reel/block and physical balance Determination of count/hank of the given yarn/silver /roving by
	4th	Determination of count/hank of the given your using Wrap Reel/block and physical balance Determination of count/hank of the given yarn/silver /roving by using the strength of the given yarn/silver /roving by using the strength of the str
	5th	Determination of count/Halik of the G Wrap Reel/block and physical balance

HOD (I/C) Textile Engg.

Signature of Academic co-ordinator.