

LESSON PLAN

SUB: Textile Testing Lab Practice-I

BRANCH: - TEXTILE ENGG.


SEMESTER: 3rd

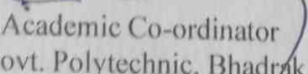
SESSION: 2025-26


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



**GOVERNMENT POLYTECHNIC,
BHADRAK**


Academic in-charge,
Textile Engg. Dept


Academic Co-ordinator
Govt. Polytechnic, Bhadrak


Principal
Govt. Polytechnic, Bhadrak

LESSON PLAN

DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK

SUBJECT: TEXTILE TESTING LAB PRACTICE- I Periods: 4 per week SEMESTER: 3rd


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

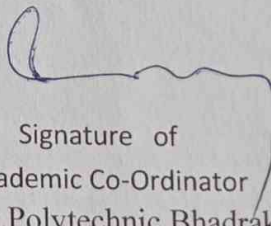
Week	Class Day	Practical Topics
1st	1st	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
	2nd	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
	3rd	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
	4th	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
2nd	1st	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
	2nd	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
	3rd	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
	4th	Determination of Meanlength, effectivelength, percentage of short fibres and percentage of dispersion By using Baersorter
3rd	1st	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
	2nd	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
	3rd	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
	4th	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
4th	1st	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
	2nd	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
	3rd	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
	4th	Determination of 2.5%,50% span lengthand UR in%.by using Fibrograph.
5th	1st	Determination of moisture content andmoisture regain ofthe given fibre sample by using hot air oven.
	2nd	Determination of moisture content andmoisture regain ofthe given fibre sample by using hot air oven.
	3rd	Determination of moisture content andmoisture regain ofthe given fibre sample by using hot air oven.
	4th	Determination of moisture content andmoisture regain ofthe given fibre sample by using hot air oven.
6th	1st	Determination of moisture content andmoisture regain ofthe given fibre sample by using hot air oven.
	2nd	Determination of moisture content andmoisture regain ofthe given fibre sample by using hot air oven.
	3rd	Determination of fibre fineness of the given cotton sample by using Fibre Finenesstester
	4th	Determination of fibre fineness of the given cotton sample by using Fibre Finenesstester

7th	1st	Determination of fibre fineness of the given cotton sample by using Fibre Finesses tester
	2nd	Determination of fibre fineness of the given cotton sample by using Fibre Finesses tester
	3rd	Determination of fibre fineness of the given cotton sample by using Fibre Finesses tester
	4th	Determination of fibre fineness of the given cotton sample by using Fibre Finesses tester
8th	1st	Determination of Fiber bundle strength by using Pressley Fiber strength tester
	2nd	Determination of Fiber bundle strength by using Pressley Fiber strength tester
	3rd	Determination of Fiber bundle strength by using Pressley Fiber strength tester
	4th	Determination of Fiber bundle strength by using Pressley Fiber strength tester
9th	1st	Determination of Fiber bundle strength by using Pressley Fiber strength tester
	2nd	Determination of Fiber bundle strength by using Pressley Fiber strength tester
	3rd	Determination of Fiber bundle strength by using Pressley Fiber strength tester
	4th	Determination of Fiber bundle strength by using Pressley Fiber strength tester
10th	1st	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
	2nd	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
	3rd	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
	4th	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
11th	1st	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
	2nd	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
	3rd	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
	4th	Determination of fiber tenacity and elongation percentage at break of the cotton sample by using Stelometer
12th	1st	Determination of trash content of the given cotton sample by using Trash Analyser
	2nd	Determination of trash content of the given cotton sample by using Trash Analyser
	3rd	Determination of trash content of the given cotton sample by using Trash Analyser

	4th	Determination of trash content of the given cotton sample by using Trash Analyser
13th	1st	Determination of trash content of the given cotton sample by using Trash Analyser
	2nd	Determination of trash content of the given cotton sample by using Trash Analyser
	3rd	Determination of trash content of the given cotton sample by using Trash Analyser
	4th	Determination of trash content of the given cotton sample by using Trash Analyser
14th	1st	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
	2nd	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
	3rd	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
	4th	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
15th	1st	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
	2nd	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
	3rd	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance
	4th	Determination of count/hank of the given yarn/silver /roving by using WrapReel/block and physical balance


 Signature of
 Lecturer
 Textile Engg.Dept.


 Signature of
 Academic in-charge
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 Signature of
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 Govt.Polytechnic,Bhadrak