## LESSON PLAN

SUB: Fabric Technology Lab Practice-I

BRANCH: TEXTILE ENGG.

SEMESTER:3rd

SESSION:2025-26

NAME OF FACULTY: Birendra Meher (Lect. S-I, Textile Tech.)



## GOVERNMENT POLYTECHNIC, BHADRAK

Academic (I/C) Textile Engg.

Academic Co-Ordinator Govt. Polytechnic, Bhadrak

Principal Govt. Polytechnic, Bhadrak

## LESSON PLAN

## DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK

SUBJECT: Fabric Technology Lab Practice - I Periods: 4 per week SEMESTER: 3rd NAME OF FACULTY: BIRENDRA MEHER ACADEMIC YEAR: 2025-2026 Semester From date: 14.07.2025 To Date: 15.11.2025 No. of weeks: 15

Week	Class Day	Theory / Practical Topics		
	lst	To study & sketch the passage of yarn through various elements of automatic cone winding machine.		
lst	2nd	To study & sketch the passage of yarn through various elements of automatic cone winding machine.		
	3rd	To study & sketch the passage of yarn through various elements of automatic cone winding machine.		
	4th	To study & sketch the passage of yarn through various elements of automatic cone winding machine.		
	1st	To study the functions of slub catcher, yarn tensioner yarn guide et automatic cone winding machine.		
2nd	2nd	To study the functions of slub catcher, yarn tensioner yarn guide et automatic cone winding machine.		
	3rd	To study the functions of slub catcher, yarn tensioner yarn guide etc. automatic cone winding machine.		
	4th	To study the functions of slub catcher, yarn tensioner yarn guide etc. automatic cone winding machine.		
	1st	To study different yarn faults in automatic cone winding machine.		
3rd	2nd	To study different yarn faults in automatic cone winding machine.		
314	3rd	To study different yarn faults in automatic cone winding machine.		
	4th	To study different yarn faults in automatic cone winding machine.		
	1st	To produce at least 250-gram yarn cone package in automatic cone - winding machine.		
4th	2nd	To produce at least 250-gram yarn cone package in automatic cone - winding machine.		
701	3rd	To produce at least 250-gram yarn cone package in automatic cone - winding machine.		
	4th	To produce at least 250-gram yarn cone package in automatic cone - winding machine.		
	1st	To study the mechanism and functions of different parts of pirn - winding machine.		
5+h	2nd	To study the mechanism and functions of different parts of pirn - winding machine.		
5th	3rd	To study the mechanism and functions of different parts of pirn - winding machine.		
	4th	To study the mechanism and functions of different parts of pirn -		
	1st	winding machine.  To study the passage of yarn through beam / sectional warping m/c are functional warping m/c.		
6th	2nd 1	unction of different parts. (Mill based experiment) o study the passage of yarn through beam / sectional warping m/c and unction of different parts. (Mill based experiment)		

	rd	To study the passage of yarn through beam / sectional warping m/c and function of different parts. (Mill based experiment)
4		Tunction of different partial to the same and I
4		To study the passage of yarn through beam / sectional warping my
	th	function of different parts (Mill based experiment)
		To study the passage of yarn through sample warping m/c and function
	lst	of different parts
		To study the passage of yarn through sample warping m/c and function
	2nd	of different parts.
7th		To study the passage of yarn through sample warping m/c and function
31	3rd	of different parts.
the table street	4th	To study the passage of yarn through sample warping m/c and function
41		of different parts.
	1st	To study the path of warp sheet in a multi cylinder- sizing machine
1		andthe features of its various parts/mechanism
		(Mill based experiment).
TABLE DATE OF THE PARTY OF THE		To study the path of warp sheet in a multi cylinder- sizing machine
2.	2nd	andthe features of its various parts/mechanism
21	IId	(Mill based experiment).
8th		
		To study the path of warp sheet in a multi cylinder- sizing machine
31	3rd	andthe features of its various parts/mechanism
		(Mill based experiment).
		To study the path of warp sheet in a multi cylinder- sizing machine
4t	4th	andthe features of its various parts/mechanism
		(Mill based experiment).
		To study construction details and passage of materials in single end
18	1st	sizing machine.
	2nd	To study construction details and passage of materials in single end
2n		sizing machine.
9th		To study construction details and passage of materials in single end
3r	·d	sizing machine.
		To study construction details and passage of materials in single end
4t	h	
	AND THE RESERVE OF THE PARTY OF	sizing machine.
1s	at	To prepare a sizing paste and apply on the given sort of yarn samples in
13	131	a single end sizing machine.
	2nd	To prepare a sizing paste and apply on the given sort of yarn samples in
		a single end sizing machine.
10th	3rd	To prepare a sizing paste and apply on the given sort of yarn samples in
3rc		a single end sizing machine.
4th	4th	To prepare a sizing paste and apply on the given sort of yarn samples in
		a single end sizing machine.
	1st	To study and sketch passage of warp through different parts of under -
151		pick loom.
	2nd	To study and sketch passage of warp through different parts of under
2nc		pick loom.
11th		
	3rd	To study and sketch passage of warp through different parts of under
310		pick loom.
	4th	To study and sketch passage of warp through different parts of under
4th		pick loom.
DESCRIPTION OF PLANT		To study and sketch positive or negative tappet shedding mechanism
1st	t	
150	NES	under pick loom.

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1		0	1	
2			0	2
3	>>	/	1	

12th	2nd	To study and sketch positive or negative tappet shedding mechanism in under pick loom.	
	3rd	To study and sketch positive or negative tappet shedding mechanism under pick loom.	
	4th	To study and sketch positive or negative tappet shedding mechanism in under pick loom.	
	1st	To study and sketch positive or negative tappet shedding mechanism in under pick loom.	
13th	2nd	To study and sketch positive or negative tappet shedding mechanis under pick loom.	
	3rd	To study and sketch positive or negative tappet shedding mechanism under pick loom.	
	4th	To study and sketch positive or negative tappet shedding mechanism in under pick loom.	
100	lst	To study picking mechanism in under pick loom.	
14th	2nd	To study picking mechanism in under pick loom.	
1401	3rd	To study picking mechanism in under pick loom.	
	4th	To study picking mechanism in under pick loom.	
	lst	To study beat up mechanism in under pick loom.	
15th	2nd	To study beat up mechanism in under pick loom.	
1301	3rd	To study beat up mechanism in under pick loom.	
	4th	To study beat up mechanism in under pick loom.	

Signature of Lecturer Textile Engg. Signature of Academic (I/C) Textile Engg.

Signature of Academic Co-ordinator Govt. Polytechnic, Bhadrak/