LESSON PLAN		
DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK		
SUBJECT: Yarn Manufacture - III 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**
1st	1st	To study of different parts of Ring Frame
	2nd	To study of different parts of Ring Frame
	3rd	To study of different parts of Ring Frame
	4th	To study of different parts of Ring Frame
	5th	To study of different parts of Ring Frame
2nd	1st	To study the Drafting System of ring frame
	2nd	To study the Drafting System of ring frame
	3rd	To study the Drafting System of ring frame
	4th	To study the Drafting System of ring frame
	5th	To study the Drafting System of ring frame
3rd	1st	To study the gearing diagram and to calculate draft constant,
	2nd	To study the gearing diagram and to calculate draft constant,
	3rd	To study the gearing diagram and to calculate twist constant
	4th	To study the gearing diagram and to calculate twist constant
	5th	To study the gearing diagram and to calculate production constant
4th	1st	To study the gearing diagram and to to find speed of tin roller
	2nd	To study the gearing diagram and to to find speed of tin roller
	3rd	To study the gearing diagram and to to find speed of spindle
	4th	To study the gearing diagram and to to find speed of spindle
	5th	To study the gearing diagram and to to find speed of drafting rollers
5th	1st	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
	2nd	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
	3rd	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
	4th	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
	5th	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
6th	1st	To do the spindle and lappet gauging of Ring Frame
	2nd	To do the spindle and lappet gauging of Ring Frame
	3rd	To do the spindle and lappet gauging of Ring Frame
	4th	To do the spindle and lappet gauging of Ring Frame
	5th	To do the spindle and lappet gauging of Ring Frame
7th	1st	To study the building mechanism and setting of ring Frame
	2nd	To study the building mechanism and setting of ring Frame
	3rd	To study the building mechanism and setting of ring Frame
	4th	To study the building mechanism and setting of ring Frame
	5th	To study the building mechanism and setting of ring Frame
	1st	To study and sketch the lap formation unit/chute feed mechanism
	2nd	To study and sketch the lap formation unit/chute feed mechanism

8th	3rd	To study and sketch the lap formation unit/chute feed mechanism
	4th	To study and sketch the lap formation unit/chute feed mechanism
	5th	To study and sketch the lap formation unit/chute feed mechanism
9th	1st	To study the different parts of doubling frame and its building mechanism
	2nd	To study the different parts of doubling frame and its building mechanism
	3rd	To study the different parts of doubling frame and its building mechanism
	4th	To study the different parts of doubling frame and its building mechanism
	5th	To study the different parts of doubling frame and its building mechanism
10th	1st	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	2nd	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	3rd	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	4th	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	5th	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
11th	1st	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	2nd	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	3rd	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	4th	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	5th	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
12th	1st	To study the different parts of Reeling Machine
	2nd	To study the different parts of Reeling Machine
	3rd	To study the different parts of Reeling Machine
	4th	To study the different parts of Reeling Machine
	5th	To study the different parts of Reeling Machine
13th	1st	To study the flow of material and different parts of Rotor spinning Machine
	2nd	To study the flow of material and different parts of Rotor spinning Machine
	3rd	To study the flow of material and different parts of Rotor spinning Machine
	4th	To study the flow of material and different parts of Rotor spinning Machine
	5th	To study the flow of material and different parts of Rotor spinning Machine
14th	1st	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine
	2nd	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine
	3rd	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine
	4th	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine
	5th	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine
	1st	To learn about different change points and setting of Rotor Spinning Machine

15th	2nd	To learn about different change points and setting of Rotor Spinning Machine
	3rd	To learn about different change points and setting of Rotor Spinning Machine
	4th	Study of Comber
	5th	Study of Comber