

LESSON PLAN

DEPARTMENT OF TEXTILE TECHNOLOGY, ITT, CHOUDWAR

SUBJECT: YARN MANUFACTURE LAB-III Periods: 4 per week SEMESTER: 5th

NAME OF FACULTY: DAMODAR KUND

No. of weeks/Sem as per SCTE&VT, Odisha Textile Tech/ Engg Syllabus: 15

Week	Class Day	Theory / Practical Topics
1 st	Group-A (02 hours)	To study of different parts of Ring Frame
	Group-B (02 hours)	To study of different parts of Ring Frame
	Group-A (02 hours)	To study of different parts of Ring Frame
	Group-B (02 hours)	To study of different parts of Ring Frame
2 nd	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	To study the Drafting System of ring frame
	Group-B (02 hours)	To study the Drafting System of ring frame
3 rd	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
	Group-B (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
4 th	Group-A (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
	Group-B (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
	Group-A (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
	Group-B (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
5 th	Group-A (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.

	Group-B (02 hours)	To study the gearing diagram and to calculate draft constant, twist constant and production constant and also to find speed of tin roller, spindle , drafting rollers, etc of Ring Frame.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
6 th	Group-A (02 hours)	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
	Group-B (02 hours)	To assemble and set the drafting roller and top arm by using slide calipers as per the fibre length.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
7 th	Group-A (02 hours)	To do the spindle and lappet gauging of Ring Frame.
	Group-B (02 hours)	To do the spindle and lappet gauging of Ring Frame.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
8 th	Group-A (02 hours)	To study the building mechanism and setting of ring Frame
	Group-B (02 hours)	To study the building mechanism and setting of ring Frame
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
9 th	Group-A (02 hours)	To study the different parts of doubling frame and its building mechanism.
	Group-B (02 hours)	To study the different parts of doubling frame and its building mechanism.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
10 th	Group-A (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	Group-B (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	Group-A (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	Group-B (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
11 th	Group-A (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame

	Group-B (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	Group-A (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
	Group-B (02 hours)	To study about the gearing diagram and calculate the twist constant and speed of various moving part of Doubling Frame
12 th	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	To study the flow of material and different parts of Rotor spinning Machine.
	Group-B (02 hours)	To study the flow of material and different parts of Rotor spinning Machine.
13 rd	Group-A (02 hours)	To study the flow of material and different parts of Rotor spinning Machine.
	Group-B (02 hours)	To study the flow of material and different parts of Rotor spinning Machine.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
14 th	Group-A (02 hours)	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine.
	Group-B (02 hours)	To study the gearing and to calculate the draft constant ,twist constant and production etc. Of Rotor Spinning Machine.
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision
15 th	Group-A (02 hours)	To learn about different change points and setting of Rotor Spinning Machine
	Group-B (02 hours)	To learn about different change points and setting of Rotor Spinning Machine
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Class for any shortfalls/Revision