

LESSON PLAN

Name of Faculty : Rajesh kalra

Discipline : Textile processing

Semester : 5 th

Subject : technology of finishing - 2

Lesson plan duration : 15 weeks

Work load (lecture / practical) per week (in hours):Th = 3 per week/pr=one(of three periods)

WEEK	THEORY		PRACTICAL	
	Lecture day	TOPIC (INCLUDING ASSIGNMENT/TEST)	Practical day	TOPIC
1 st	1	Calendaring ,water proof and water Repellent finish	1 st	Construction and working of two bowl And three bowl padding mangle
	2	Flame retardancy soil release finish		
	3	Moth proofing Crease resistant finish		
2 nd	4	Mercerizing , Ammoniation	2 nd	Construction and working Of Float dryer
	5	Shrinking , chlorination		
	6	Resin treatment , stentering		
3 rd	7	Fulling , crabbing	3 rd	Construction and working of Back filling machine
	8	Potting , decatizing		
	9	Heat setting		
4 th	10	Weight of silk	4 th	Sessional test
	11	Test		
	12	Test		
5 th	13	Turbenising	5 th	Construction and working of Continuous creping machine
	14	Delusturing of rayons		
	15	Delusturing of rayons		

WEEK	THEORY		PRACTICAL	
	Lecture day	TOPIC (INCLUDING ASSIGNMENT/TEST)	Practical day	TOPIC
6 th	16	Acid and alkali milling of wool	6 th	Construction and working of Hot flue dryer and drum dryer
	17	Felting and non felting of wool		
	18	Decatising		
7 th	19	London shrinkage , cylinder method	7 th	Sessional test
	20	Test		
	21	Description and working of rotary press		
8 th	22	Description and working of paper press	8 th	Objects , line digram and working of hot air stenter
	23	Heat setting ,mechanism and process		
	24	Heat setting ,mechanism and process		
9 th	25	Antistatic finish	9 th	Working and objects of Brush damping machine and spray damping machine
	26	Antistatic finish		
	27	Thermo plastic resins		
10 th	28	Thermo plastic resins	10 th	Working and objects of Teasel and card wire raising machine
	29	Thermo setting resins		
	30	Thermo setting resins		

WEEK	THEORY		PRACTICAL	
	Lecture day	TOPIC (INCLUDING ASSIGNMENT/TEST)	Practical day	TOPIC
11 st	31	Finish routines of different fabric	11 th	Object and working of roller gas and plate singeing machine
	32	Finish routines of different fabrics		
	33	test		
12 nd	34	Finish routines of different fabric	12 nd	3 rd sessional test
	35	Finish routines of different fabric		
	36	Method of evaluation of various finish		
13 rd	37	Method of evaluation of various finish	13 rd	Object and working of becatising machine
	38	Method of evaluation of various finish		
	39	Method of evaluation of various finish		
14 th	40	Advancement in finishing	14 th	Object and working of crabbing machine
	41	Low wet pick up finishes		
	42	Foam finishing technology		
15 th	43	Kiss roll technology	15 th	Object and working of festoon dryer
	44	Spraying technique		
	45	Loop transfer technique		

