

Marks	Grade Point	Letter Grade	Marks	Grade Point	Letter Grade
80>	4.00	A+	55-59	2.75	B-
75-79	3.75	A	50-54	2.50	C+
70-74	3.50	A-	45-49	2.25	C
65-69	3.25	B+	40-44	2.00	D
60-64	3.00	B	0-39	0.00	F



Daffodil Polytechnic Institute, Institute Code: 50238

Lesson Plan – Academic session: August 2019 to January 2020

Subject Teacher : Md.Ashikur Rahman (Instructor)

Subject Name : Fabric Manufacturing-3

Subject Code : 1952

Technology : Textile Technology

Semester : 5th

Reference Book : FM-3 (Publisher: Prime Publication)

Weaving Mechanisms: Talukder (Mahajan prokashone)

Mark Distribution (for 150 Marks)			
Theory Marks		Practical Marks	
Midterm	20	PC	25
Class test	10	PF	25
Quiz test	10	-	-
Final	80	-	-
Total	150	Total	50

Subject Aims:

1. To develop the basic knowledge regarding Fabric manufacturing
2. To develop knowledge & skill about different motions
3. To acquire knowledge to make different fabric shedding mechanism, stop motion

Subject Outcome: 1. To know the process of fabric manufacturing

2. Understand properly the process of stop motions, shedding mechanisms.

Date	Lecture	Chapter	Class/Lab Supporting Equipment's	Learning Area	Learning Outcome
7-5-22	01	1. Understand the take up motion	Book,marker pen etc	1. Describe take up motion 2. Basic concept of take up motion. 3. Importance of take up motion.	Understanding the concept of take up motion properly
7-5-22	02	1. Understand the take up motion(Practical)	Reference book,marker pen etc	4. Describe the working principle of wheel take up motion. 5. Describe the construction process. 6. Calculation regarding take up motion	Understanding the concept of take up motion properly
10-5-22	03	Understand the let off motion	Book And marker pen	1. Define let off motion 2. classify let off motion 3. Uses of let off motion	Understanding the concept of let off motion
12-5-22	04	Understand the let off motion(Practical)	Book and marker pen	1. Importance of positive and negative let off motion 2. Describe the working principle let off motions	Understanding the concept of let off motion
13-5-22	05	Quiz Test	Exam paper, Printed question paper etc.	Chapter 1 (Theoretically and practically based)	
14-5-22	06	Understand the auxiliary motion	Book And Notebook	1. State the term auxiliary motion 2. Describe different auxiliary motion. 3. Describe the uses of auxiliary motions	Understanding the concept of auxiliary motion
16-5-22	07	Class Test	Exam paper, Printed question paper etc.	Chapter 1 (Theoretically and practically based)	
17-5-22	09	Understand the auxiliary motion(Practical)	Book, marker pen, etc	1. State the importance of motions 2. Characteristics of auxiliary motions 3. State the workings of auxiliary motions	Understanding the concept of auxiliary motion
18-5-22	10	Understand the weft stop motion	Book ,marker pen ,etc	1. Basic idea of weft stop motion 2. Basic characteristics of weft stop motion 3. State the side weft fork mechanism	Understand the concept of weft stop motion
20-5-22	11	Understand the warp stop motion(Practical)	Book, marker pen,	1. State and classify warp stop motion 2. Characteristics of warp stop motion 3. Basic working principle of warp stop motion	Understand the concept of warp stop motion
21-5-22	12	Understand the temple motion	Book, marker pen,	1. Basic ornamentation of temple motion 2. Basic objects and functions of temple motion 3. Different types of temple motions	Understand the concept of temple motions
22-5-22	13	Understand the weft change motion	Book, marker pen,	1. State and classify weft change motion 2. Characteristics of weft change motion	Understand the concept of weft change motion

Date	Lecture	Chapter	Class/Lab Supporting Equipment's	Learning Area	Learning Outcome
				3.Types of weft change motion 4.working principle of weft change motion 5.Difference between weft mixing and patterning	
23-2-22	14	Understand the faric faults and their remedies.	Book ,marker pen, etc	1. State and classify fabric faults 2. Characteristics of fabric faults. 3.Understand the fabric faults and their remedies	Understand the concept of fabric faults
24-5-22	15	Quiz Test	Exam paper, Printed question paper etc.	Chapter 2 (Theoretically and practically based)	
25-5-22	16	Review Class	Book And Notebook	Board Question and short Question	Reviewing the Chapter according to student's problem.
26-5-22	17	Class Test	Exam paper, Printed question paper etc.	Chapter 2 (Theoretically and practically based)	
Mid Term Examination					
27-5-22	18	Understand the modern loom	Book, marker pen ,etc	1.Basic ornamentation of modern loom 2.Basic design of modern loom 3.Derivatives of modern loom. 4.Basic working principle of modern loom	Understand the concept of modern loom
28-5-22		Understand the warp knitting	Book, marker pen, etc	<u>1.Define the warp knitting</u> <u>2.Describe the working principle of warp knitting</u>	Understand the concept of warp knitting
29-5-22	19	Understand the warp knitting(Practical)	Book, marker etc	1.Basic ornamentation of warp knitting 2.Basic working principle of tricot and raschel machine 3.Difference between tricot and raschel machine	Understand the concept of warp knitting
30-5-22	20	Understand the faults of knitted fabric(Practical)	Book ,marker pen,etc	1.Basic idea of knitted fabric 2.Basic faults of knitted fabric 3.Basic remedies of knitted fabric	Understand the concept of knitted fabric faults
2-6-22	21	Quiz Test	Exam paper, Printed question paper etc.	Chapter 3 (Theoretically and practically based)	
3-6-22	22	Understand the knitting calculation	Book ,marker pen, etc	1.Basic idea of calculation 2.Basic idea of how to do calculation	Understand the concept of textile calculation

Date	Lecture	Chapter	Class/Lab Supporting Equipment's	Learning Area	Learning Outcome
				3.calculation regarding motions	
4-6-22	23	Class Test	Exam paper, Printed question paper etc.	Chapter 2 (Theoretically and practically based)	
5-6-22	24	Understand the knitting calculation	Book ,marker pen,etc	1.Calculation of knitted fabric according to length wise direction	Understand the concept of textile calculation
7-6-22	25	Understand the knitting calculation	Book, marker pen ,etc	1.Calculation of knitted fabric according to width wise direction	Understand the concept of textile calculation
8-6-22	26	Understand the knitting calculation	Book, marker pen,etc	1.Basic calculation of GSM 2.Basic calculation of stitch length 3.Derivatives of fabrics	Understand the concept of textile calculation
9-6-22	27	Review Chapter 1&2	Book,marker pen	All Question of Chapter 1&2	Reviewing the Chapter according to student's problem.
10-6-22	28	Review Chapter 3&4	Book And Notebook	All Question of Chapter 3&4	Reviewing the Chapter according to student's problem.
11-6-22	29	Quiz Test	Exam paper, Printed question paper etc.	Chapter 4 (Theoretically and practically based)	
12-6-22	30	Review Chapter 5&6	Book,marker pen,graph board	All Question of Chapter 5&6	Reviewing the Chapter according to student's problem.
13-6-22	31	Class Test	Exam paper, Printed question paper etc.	Chapter 4 (Theoretically and practically based)	
26-6-22	32	Review Chapter 7&8	Book,marker pen,graph board	All Question of Chapter 7&8	Understanding the Chapter according to student's problem.
28-6-22	33	Review Chapter 9&10	Book,marker pen,graph board	All Question of Chapter 9&10	Understanding the Chapter according to student's problem.
27-6-22	34	Review Chapter 11&12	Book,marker pen,graph board	All Question of Chapter 11&12	Understanding the Chapter according to student's problem.
29-6-22	35	Review Chapter All	Book,marker pen,graph board	All Question of Chapter 1 to 12	Understanding the Chapter according to student's problem.
7-7-22	36	Presentation	Multimedia System, Projector. Internet Connection.	Short presentation by individual student.	Be confident on practical life.
8-7-22	37	Model Test	Exam paper, Printed question paper etc.	Chapter1-14 (Theory and practical based)	
Semester Final Examination					

