

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

Daffodil Polytechnic Institute, Institute Code: 50238

Subject Teacher : Asif Shahriar (Instructor)
 Subject Name : Textile **Finishing**
 Subject Code : 21364
 Technology : Textile & GDPM
 Semester : 6th
 Reference Book : **Textile Finishing**
 (Publisher: Technical Prokashoni)

Mark Distribution (for 150 Marks)			
Theory Marks		Practical Marks	
Midterm	20	PC	20
Class test	10	PF	00
Quiz test	05	-	-
Final	80	-	-
Total	115	Total	20

INTENTION

Class Time Distribution (90 Minutes)	
Follow up absent students	5
Previous class review	10
Present class topic discussion	60
Present class topic review	10
Next class topic	5
Total	90

AIMS

To be able to develop knowledge, skill and attitude in the area of garments dyeing, washing and finishing with special emphasis on:

- garments dyeing, steaming & drying
- garments washing and finishing
- enzyme, Delustering and brightening finish of garments
- drying machine and ironing of garments.

SHORT DESCRIPTION

Garments washing; Stone wash; Chemical wash; Garments finishing; Enzyme finish; De-Lustering finishing of garments; Brightening finish of garments; Garments dyeing; Steam of garments; Drying machine; Ironing of garments.

Lec.	Chapter	Class Supporting Equipment's	Learning Area	Learning Outcome
01	1. Understand the garment dyeing.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link: <u>The Important Difference Between Style and Fashion</u>	1. Define garments dyeing. 2. Mention the importance of garments dyeing. 3. Describe the purposes of garments dyeing 4. Mention the classification of garments dyes. 5. Describe the dyeing for cotton garments.	* After the Class, Students will be able: - to learn about the basic concepts of garment dyeing. - to learn about the importance of garment dyeing. - to learn about the purposes of garments dyeing - to learn about the classification of garments dyes.
02	1. Understand the garment dyeing.	White board, Marker pen, Plain paper, Graph paper Projector,	6. Describe the application of dyes on blended garments. 7. Understand the faults in garments dyeing with their remedies.	* After the Class, Students will be able: - to learn about the application of dyes on blended garments.

		Internet,		
		Computer. Youtube Link: The Important Difference Between Style and Fashion	8. List the names of garments dyeing machines. 9. Describe the garments dyeing machine.	- to learn about the faults in garments dyed with their remedies. - to learn about the names of garments dyeing machines. - to learn about the garment dyeing machine and so on.
03	2. Understand the garments washing.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link: Top 5 Fashion capitals of the WORLD.	1. Define the term garments washing. 2. Mention the purpose of garments washing. 3. State the classification of garments washing. 4. Describe different styles of garments washing. 5. Illustrate different methods of garments washing.	* After the Class, Students will be able: - to learn about the term garments washing. - to learn about the purpose of garments washing. - to learn about the classification of garments washing. - to learn about the different styles of garments, washing and so on.
04	2. Understand the garments washing.	White board, Marker pen, Plain paper, Graph paper	6. List different chemicals of garments washing. 7. List different auxiliaries of garments washing.	* After the Class, Students will be able: - to learn about the different chemicals of

		Projector, Internet, Computer. Youtube Link:	8. Mention the recipe with material and liquor ratio of garments washing. 9. Understand different faults of garments washing.	garments washing. - to learn about the auxiliaries of garments washing.
			10. Explain the remedies of garments washing faults.	- to learn about the different faults of garments washing. - to learn about the remedies of garments washing faults.
	Quiz Contest 1		Theory Base. Chapter 1 & 2	Be confident on examinations.
05	Discuss about previous class topics and solve their problems about these chapters.	White board, Marker pen, Plain paper, Graph paper Projector , Internet, Computer.	Problem Solve	* After the Class, Students will be able to: - solve the problem
06	3. Understand the stone wash of garments.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link: How to make repeat pattern in photoshop in minimum time Textile Design	1. Define the term stone wash. 2. List various stone washes. 3. Understand washing stones. 4. Mention the recipe of stone wash with m : L ratio. 5. List different chemicals and auxiliaries used in stone wash. 6. Describe the process of	* After the Class, Students will be able: - to learn about the basic concepts of the term stone wash. - to learn about the washing stones. - to learn about the recipe of stone wash with m : L ratio and the process of stone wash.

		Digital Design	stone washing.	
07		Review class	Regarding students' problems.	Be confident of this chapter.
08	Class Test -01		Chapter 1 to 3	Be confident on examinations.
09	4.Understand the chemical wash of garments.	<p>White board, Marker pen, Plain paper, Graph paper</p> <p>Projector, Internet, Computer. Youtube Link: How to make repeat pattern in photoshop in minimum time Textile Design Digital Design</p>	<p>1. Define chemical wash.</p> <p>2. Mention the purpose of chemical wash.</p> <p>3. List different chemicals and auxiliaries used in chemical wash.</p> <p>4. Describe the applications of oxidizing and reducing agents used in chemical wash of garments.</p> <p>5. Describe the garments wash with bleaching agents.</p>	<p>* After the Class, Students will be able:</p> <ul style="list-style-type: none"> - to learn about unique design considerations of various accessories. - to learn about the production methods for the major accessories. - to learn about the marketing aspects for accessories. - to learn about the threads, elastic, interfacing, narrow fabrics, zippes, button, belt are produced and used
10	4.Understand the chemical wash of garments.	<p>White board, Marker pen, Plain paper, Graph paper</p>	<p>6. Describe acid wash</p> <p>7. Describe the neutralization process of garments.</p>	<p>* After the Class, Students will be able to:</p> <ul style="list-style-type: none"> - learn about the effect of luster and color of

		Projector, Internet, Computer. Youtube Link: The Science of Light and Color for Kids: Rainbows and the Electromagnetic Spectrum - FreeSchool	8. Describe the process of sandblasting or monkey wash. 9. Describe the dry washing.	fabric to light. - learn about the physical basis of color and color of matters. - learn about the theory of color. - learn about the Brewster circle and explain pigment theory of color .
	Quiz Contest 2		Theory Base. Chapter 3 & 4	Be confident on examinations.
11	5. Understand the garments finishing.	White board, Marker pen, Plain paper, Graph paper Projector , Internet, Computer. Youtube Link: Color Theory Basics	1. Define garments finishing. 2. Mention the purpose of garments finishing. 3. State the factors of garments finishing. 4. Classify garments finishing. 5. List the names of garments finishing machines.	* After the Class, Students will be able to: - learn about the classification of color with their definition and uses. - learn about the young-Helmholtz theory. - learn about the circle and state the technique of drawing a chromatic circle. - learn about the primary and secondary color & uses of color.

12	5.Understand the garments finishing.	White board, Marker pen, Plain paper, Graph paper Projector , Internet, Computer. Youtube Link:	6.Describe the finishing process of garments in a winch machine. 7.Illustrate pressing. 8.Explain folding. 9.Describe packing.	* After the Class, Students will be able to: - learn about the classification of color with their definition and uses. - learn about the young-Helmholtz theory. - learn about the circle and state the technique of drawing a chromatic circle.
13	Class Test -02		Chapter 3 to 5	Be confident on examinations.
	Mid Exam		Theory Base. Chapter 1 to 5	Be confident on examinations.
14	6.Understand the enzyme finish.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link: Color Theory Basics	1.Define the term enzyme finish. 2.List the names of different enzymes. 3.Mention the recipe for enzyme finish. 4.Describe the process of enzyme finishing.	* After the Class, Students will be able to: - learn about the harmony and contrast of color. - learn about the modifications of color. - learn about the factors, modifying the coloring of Textile fabrics. etc
15		Review class	Regarding students' problems.	Be confident of this chapter.

14	7.Understand the Delustering finishing of garments.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link: Color Theory Basics	1. Define De-Lustering. 2. Describe the necessities of Delustering process of garments. 3. List the De-Lustering chemicals and auxiliaries. 4. Describe the process of Delustering of garments.	* After the Class, Students will be able to: - learn about the harmony and contrast of color. - learn about the modifications of color. - learn about the factors, modifying the coloring of Textile fabrics. etc
15	8.Understand the brightening finishing of garments.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link:	1. Define the term brightening finishing. 2. Describe the purposes of brightening finishing. 3. List different agents of brightening finishing. 4. Mention the classification of brightening finishing agent. 5. Describe the process of brightening finishing for cotton and blended garments.	* After the Class, Students will be able to: - learn about the effects of color and weave effects.. - learn about the factors of color. - learn about the factors to be considered for the selection of weave for stripe and check designs. etc
			6. Describe the process of brightening finishing for different garments.	
16	9.Understand the steam of garments.	White board, Marker pen, Plain paper, Graph paper Projector, Internet,	1. Define steam. 2. Describe the use of steam on dyed garments. 3. Mention the importance of steam on garments.	* After the Class, Students will be able to: - learn about the importance of a dark room for screen preparation.

		Computer. Youtube Link:	4.List different steam grades. 5.Describe different steaming processes of garments.	- learn about the role of a camera for screen preparation. - learn about the process of making a screen. etc
17	10.Understand the drying machine.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link:	1.Classify the garment drying machine. 2.State the purpose of the drying machine. 3.Describe the process of the garment drying machine. 4.Mention the use of a garment drying machine.	* After the Class, Students will be able to: - learn about the Classify the garment drying machine. - learn about the purpose of the drying machine. - learn about the process of the garment drying machine. etc
18	11.Understand the ironing of garments.	White board, Marker pen, Plain paper, Graph paper Projector, Internet, Computer. Youtube Link:	1.Define the term ironing. 2.State the purposes of ironing. 3.Describe the process of steam ironing. 4.Describe the process of electric ironing.	* After the Class, Students will be able to: - learn about term ironing. - learn about the purposes of ironing. - learn about the process of steam ironing.
			5.Distinguish between steam ironing and electric ironing. 6.Mention the faults of ironing. 7.Describe the remedies of ironing faults.	- learn about the faults of ironing. - learn about the remedies of ironing faults.

	Final Exam		Theory Base. Chapter 1 to 10	Be confident on examinations.
--	------------	--	---------------------------------	----------------------------------