

Course structure of Diploma in Textile Engineering 2022 Probidhan

Fabric Manufacturing (12)

Specialization: Fabric Manufacturing

1st Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
			Theory	Practical		Theory Assessment			Practical Assessment			
	Code	Name				Continuous	Final	Total	Continuous	Final	Total	
1	21111	General Textile Processing -I	2	3	3	40	60	100	25	25	50	150
2	25711	Bangla-I	2	0	2	40	60	100	-	-	-	100
3	25712	English-I	2	0	2	40	60	100	-	-	-	100
4	25811	Social Science	2	0	2	40	60	100	-	-	-	100
5	25812	Physical Education & Life Skills Development	0	3	1	-	-	-	25	25	50	50
6	25911	Mathematics -I	3	3	4	60	90	150	25	25	50	200
7	25912	Physics-I	3	3	4	60	90	150	25	25	50	200
8	25914	Chemistry-I	2	3	3	40	60	100	25	25	50	150
Total			16	15	21	320	480	800	125	125	250	1,050
Total Period					31							
Theory:Practical (Ratio)			51.6%	48.4%								

Fabric Manufacturing (12)

2nd Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
			Theory	Practical		Theory Assessment			Practical Assessment			
	Code	Name				Continuous	Final	Total	Continuous	Final	Total	
1	21011	Engineering Drawing	0	6	2	-	-	-	50	50	100	100
2	21121	General Textile Processing -II	2	3	3	40	60	100	25	25	50	150
3	25721	Bangla-II	2	0	2	40	60	100	-	-	-	100
4	25722	English-II	2	0	2	40	60	100	-	-	-	100
5	25921	Mathematics -II	3	3	4	60	90	150	25	25	50	200
6	25922	Physics-II	3	3	4	60	90	150	25	25	50	200
7	25924	Chemistry-II	2	3	3	40	60	100	25	25	50	150
Total			14	18	20	280	420	700	150	150	300	1,000
Total Period					32							
Theory:Practical (Ratio)			43.8%	56.3%								

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3rd Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
						Continuous	Final	Total	Continuous	Final	Total	
1	21131	Natural Textile Fibre	2	0	2	40	60	100	-	-	-	100
2	21132	Yarn Manufacturing-I	3	3	4	60	90	150	25	25	50	200
3	21231	Fabric Manufacturing-I	3	3	4	60	90	150	25	25	50	200
4	25831	Business Communication	2	0	2	40	60	100	-	-	-	100
5	25916	Statistics	2	0	2	40	60	100	-	-	-	100
6	26711	Basic Electricity	3	3	4	60	90	150	25	25	50	200
7	27011	Basic Workshop Practice	0	3	1	-	-	-	25	25	50	50
8	28511	Computer Office Application	0	6	2	-	-	-	50	50	100	100
Total			15	18	21	300	450	750	150	150	300	1,050
Total Period					33							
Theory:Practical (Ratio)			45.5%	54.5%								

Fabric Manufacturing (12)

4th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
						Continuous	Final	Total	Continuous	Final	Total	
1	21141	Man Made Fibre & Filament	2	0	2	40	60	100	-	-	-	100
2	21142	Yarn Manufacturing-II	3	3	4	60	90	150	25	25	50	200
3	21241	Fabric Manufacturing-II	3	3	4	60	90	150	25	25	50	200
4	21341	Wet Processing-I	3	3	4	60	90	150	25	25	50	200
5	21342	Sustainability in Textile Industry	2	0	2	40	60	100	-	-	-	100
6	21441	Apparel Manufacturing-I	3	3	4	60	90	150	25	25	50	200
7	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
Total			18	15	23	360	540	900	125	125	250	1,150
Total Period					33							
Theory:Practical (Ratio)			54.5%	45.5%								

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5th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21151	Textile Testing & Quality Control-I	3	3	4	60	90	150	25	25	50	200
2	21251	Fabric Structure & Design	3	3	4	60	90	150	25	25	50	200
3	21351	Wet Processing-II	3	3	4	60	90	150	25	25	50	200
4	21451	Apparel Manufacturing-II	3	3	4	60	90	150	25	25	50	200
5	21452	Compliance in Textile industry	2	0	2	40	60	100	-	-	-	100
6	21861	General Maintenance & Utility Service	2	3	3	40	60	100	25	25	50	150
Total			16	15	21	320	480	800	125	125	250	1,050
Total Period					31							
Theory:Practical (Ratio)			51.6%	48.4%								

Fabric Manufacturing (12)

6th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21161	Textile Testing & Quality Control-II	3	3	4	60	90	150	25	25	50	200
2	21164	Textile Calculation	3	0	3	60	90	150	-	-	-	150
3	21261	Advanced Fabric Manufacturing-I	3	3	4	60	90	150	25	25	50	200
4	21262	Advanced Fabric Structure & Design	2	3	3	40	60	100	25	25	50	150
5	21263	Application of Computer in Fabric Manufacturing	0	6	2	-	-	-	50	50	100	100
6	25851	Principle of Marketing	2	0	2	40	60	100	-	-	-	100
7	29041	Environmental Studies	2	3	3	40	60	100	25	25	50	150
Total			15	18	21	300	450	750	150	150	300	1,050
Total Period					33							
Theory:Practical (Ratio)			45.5%	54.5%								

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Specialization Fabric Manufacturing

7th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21173	Production Planning & Control	2	0	2	40	60	100	-	-	-	100
2	21271	Advanced Fabric Manufacturing-II	3	3	4	60	90	150	25	25	50	200
3	21272	Technical Textiles	3	3	4	60	90	150	25	25	50	200
4	21863	Fabric Manufacturing Machinery and Maintenance	2	3	3	40	60	100	25	25	50	150
5	25842	Accounting & Cost Management	3	0	3	60	90	150	-	-	-	150
6	25852	Industrial Management	2	0	2	40	60	100	-	-	-	100
7	25853	Innovation & Entrepreneurship	2	0	2	40	60	100	-	-	-	100
Total			17	9	20	340	510	850	75	75	150	1,000
Total Period					26							
Theory:Practical (Ratio)			65.4%	34.6%								

Fabric Manufacturing (12)

8th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21281	Industrial Training	-	24	8	-	-	-	200	200	400	400
2		Graduation Project Presentation	-	12	4	-	-	-	100	100	200	200
Total			-	36	12	-	-	-	300	300	600	600
Total Period					36							
Theory:Practical (Ratio)			0.0%	100.0%								

Fabric Manufacturing (12)

Summary Structure (All Semester)

Sl. No.	Semester	Period Per Week		Credit	Marks Distribution						Grand Total
		Theory	Practical		Theory Assessment			Practical Assessment			
					Continuous	Final	Total	Continuous	Final	Total	
1	1st Semester	16	15	21	320	480	800	125	125	250	1,050
2	2nd Semester	14	18	20	280	420	700	150	150	300	1,000
3	3rd Semester	15	18	21	300	450	750	150	150	300	1,050
4	4th Semester	18	15	23	360	540	900	125	125	250	1,150
5	5th Semester	16	15	21	320	480	800	125	125	250	1,050
6	6th Semester	15	18	21	300	450	750	150	150	300	1,050
7	7th Semester	17	9	20	340	510	850	75	75	150	1,000
8	8th Semester	-	36	12	-	-	-	300	300	600	600
Total		111	144	159	2,220	3,330	5,550	1,200	1,200	2,400	7,950
Total Period				255							
Theory:Practical (Ratio)		43.5%	56.5%	STEAM Ratio							