

Course structure of Diploma in Textile Engineering 2022 Probidhan

Specialization: Fabric Manufacturing

Fabric Manufacturing (12)

1st Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		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						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		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%								

Course structure of Diploma in Textile Engineering 2022 Probidhan
Specialization: Fabric Manufacturing

Fabric Manufacturing (12)

3rd Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		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	25915	Statistics	2	0	2	40	60	100	-	-	-	100
6	26611	Computer Office Application	0	6	2	-	-	-	50	50	100	100
7	26711	Basic Electricity	3	3	4	60	90	150	25	25	50	200
Total			15	15	20	300	450	750	125	125	250	1,000
Total Period					30							
Theory:Practical (Ratio)			50.0%	50.0%								

Fabric Manufacturing (12)

4th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		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	21441	Apparel Manufacturing-I	3	3	4	60	90	150	25	25	50	200
6	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
7	27011	Basic Workshop Practice	0	3	1	-	-	-	25	25	50	50
Total			16	18	22	320	480	800	150	150	300	1,100
Total Period					34							
Theory:Practical (Ratio)			47.1%	52.9%								

Course structure of Diploma in Textile Engineering 2022 Probidhan

Specialization: Fabric Manufacturing

Fabric Manufacturing (12)

5th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	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	21861	General Maintenance & Utility Service	2	3	3	40	60	100	25	25	50	150
6	25842	Accounting & Cost Management	3	0	3	60	90	150	-	-	-	150
Total			17	15	22	340	510	850	125	125	250	1,100
Total Period			32									
Theory:Practical (Ratio)			53.1%	46.9%								

Fabric Manufacturing (12)

6th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
	21161	Textile Testing & Quality Control-II	3	3	4	60	90	150	25	25	50	200
1	21164	Textile Calculation	3	0	3	60	90	150	-	-	-	150
2	21261	Advanced Fabric Manufacturing-I	3	3	4	60	90	150	25	25	50	200
3	21262	Advanced Fabric Structure & Design	2	3	3	40	60	100	25	25	50	150
4	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%								

Course structure of Diploma in Textile Engineering 2022 Probidhan

Specialization: Fabric Manufacturing

Fabric Manufacturing (12)

7th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21173	Production Planning & Control	2	0	2	40	60	100	-	-	-	100
2	21174	Textile Waste Recycling	2	3	3	40	60	100	25	25	50	150
3	21271	Advanced Fabric Manufacturing-II	3	3	4	60	90	150	25	25	50	200
4	21272	Technical Textiles	3	3	4	60	90	150	25	25	50	200
5	21863	Fabric Manufacturing Machinery and Maintenance	2	3	3	40	60	100	25	25	50	150
6	25852	Industrial Management	2	-	2	40	60	100	-	-	-	100
7	25853	Innovation & Entrepreneurship	2	0	2	40	60	100	-	-	-	100
Total			16	12	20	320	480	800	100	100	200	1,000
Total Period					28							
Theory:Practical (Ratio)			57.1%	42.9%								

Fabric Manufacturing (12)

8th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	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%								

Course structure of Diploma in Textile Engineering 2022 Probidhan
Specialization: Fabric Manufacturing

Fabric Manufacturing (12)

Summary Structure (All Semester)

Sl. No.	Semester	Period Per Week		Credit	Marks Distribution						
		Theory	Practical		Theory Assessment			Practical Assessment			Grand Total
					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	15	20	300	450	750	125	125	250	1,000
4	4th Semester	16	18	22	320	480	800	150	150	300	1,100
5	5th Semester	17	15	22	340	510	850	125	125	250	1,100
6	6th Semester	15	18	21	300	450	750	150	150	300	1,050
7	7th Semester	16	12	20	320	480	800	100	100	200	1,000
8	8th Semester	-	36	12	-	-	-	300	300	600	600
Total		109	147	158	2,180	3,270	5,450	1,225	1,225	2,450	7,900
Total Period				256							
Theory:Practical (Ratio)		42.6%	57.4%	STEAM Ratio							