

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

Yarn Manufacturing (11)

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%								

Yarn Manufacturing (11)

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	21121	General Textile Processing -II	2	3	3	40	60	100	25	25	50	150
2	25721	Bangla-II	2	0	2	40	60	100	-	-	-	100
3	25722	English-II	2	0	2	40	60	100	-	-	-	100
4	25921	Mathematics-II	3	3	4	60	90	150	25	25	50	200
5	25922	Physics-II	3	3	4	60	90	150	25	25	50	200
6	25924	Chemistry-II	2	3	3	40	60	100	25	25	50	150
7	26611	Computer Office Application	0	6	2	-	-	-	50	50	100	100
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						
						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	21131	Natural Textile Fibre	2	0	2	40	60	100	-	-	-	100
3	21132	Yarn Manufacturing-I	3	3	4	60	90	150	25	25	50	200
4	21231	Fabric Manufacturing-I	3	3	4	60	90	150	25	25	50	200
5	25915	Statistics	2	0	2	40	60	100	-	-	-	100
6	26711	Basic Electricity	3	3	4	60	90	150	25	25	50	200
8	27011	Basic Workshop Practice	0	3	1	-	-	-	25	25	50	50
Total			13	18	19	260	390	650	150	150	300	950
Total Period			31									
Theory:Practical (Ratio)			41.9%	58.1%								

Yarn Manufacturing (11)

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	Textile Testing & Quality Control-I	3	3	4	60	90	150	25	25	50	200
2	21142	Man Made Fibre & Filament	2	0	2	40	60	100	-	-	-	100
3	21143	Yarn Manufacturing-II	3	3	4	60	90	150	25	25	50	200
4	21241	Fabric Manufacturing-II	3	3	4	60	90	150	25	25	50	200
5	21341	Wet Processing-I	3	3	4	60	90	150	25	25	50	200
6	21441	Apparel Manufacturing-I	3	3	4	60	90	150	25	25	50	200
7	25831	Business Communication	2	0	2	40	60	100	-	-	-	100
Total			19	15	24	380	570	950	125	125	250	1,200
Total Period			34									
Theory:Practical (Ratio)			55.9%	44.1%								

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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-II	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	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
Total			16	18	22	320	480	800	150	150	300	1,100
Total Period			34									
Theory:Practical (Ratio)			47.1%	52.9%								

Yarn Manufacturing (11)

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	
1	21161	Advanced Yarn Manufacturing-I	3	3	4	60	90	150	25	25	50	200
2	21162	Spinning Process Control	2	3	3	40	60	100	25	25	50	150
3	21163	Textile Calculation	3	0	3	60	90	150	-	-	-	150
4	21164	Application of Computer in Yarn Manufacturing	0	6	2	-	-	-	50	50	100	100
5	25842	Accounting & Cost Management	3	0	3	60	90	150	-	-	-	150
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	15	20	300	450	750	125	125	250	1,000
Total Period			30									
Theory:Practical (Ratio)			50.0%	50.0%								

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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	21171	Advanced Yarn Manufacturing-II	3	3	4	60	90	150	25	25	50	200
2	21172	Special Yarn Production	3	3	4	60	90	150	25	25	50	200
3	21173	Production Planning & Control	2	0	2	40	60	100	-	-	-	100
4	21174	Textile Waste Recycling	2	3	3	40	60	100	25	25	50	150
5	21862	Yarn Manufacturing Machinery and Maintenance	2	3	3	40	60	100	25	25	50	150
6	25852	Industrial Management	2	0	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%								

Yarn Manufacturing (11)

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	21181	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%								

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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	13	18	19	260	390	650	150	150	300	950
4	4th Semester	19	15	24	380	570	950	125	125	250	1,200
5	5th Semester	16	18	22	320	480	800	150	150	300	1,100
6	6th Semester	15	15	20	300	450	750	125	125	250	1,000
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%								