

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

**Apparel Manufacturing (14)**

**1st Semester**

Sl. No.	Subject		Period/Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	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
<b>Total</b>			<b>16</b>	<b>15</b>	<b>21</b>	<b>320</b>	<b>480</b>	<b>800</b>	<b>125</b>	<b>125</b>	<b>250</b>	<b>1,050</b>
<b>Total Period</b>			<b>31</b>									
<b>Theory:Practical (Ratio)</b>			<b>51.6%</b>	<b>48.4%</b>								

**Apparel Manufacturing (14)**

**2nd Semester**

Sl. No.	Subject		Period		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	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
<b>Total</b>			<b>14</b>	<b>18</b>	<b>20</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>1,000</b>
<b>Total Period</b>			<b>32</b>									
<b>Theory:Practical (Ratio)</b>			<b>43.8%</b>	<b>56.3%</b>								

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**3rd Semester**

Sl. No.	Subject		Period		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	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	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
<b>Total</b>			<b>15</b>	<b>18</b>	<b>21</b>	<b>300</b>	<b>450</b>	<b>750</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>1,050</b>
<b>Total Period</b>					<b>33</b>							
<b>Theory:Practical (Ratio)</b>			<b>45.5%</b>	<b>54.5%</b>								

**Apparel Manufacturing (14)**

**4th Semester**

Sl. No.	Subject		Period		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	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	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
<b>Total</b>			<b>18</b>	<b>15</b>	<b>23</b>	<b>360</b>	<b>540</b>	<b>900</b>	<b>125</b>	<b>125</b>	<b>250</b>	<b>1,150</b>
<b>Total Period</b>					<b>33</b>							
<b>Theory:Practical (Ratio)</b>			<b>54.5%</b>	<b>45.5%</b>								

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**5th Semester**

Sl. No.	Subject		Period		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
<b>Total</b>			<b>16</b>	<b>15</b>	<b>21</b>	<b>320</b>	<b>480</b>	<b>800</b>	<b>125</b>	<b>125</b>	<b>250</b>	<b>1,050</b>
<b>Total Period</b>					<b>31</b>							
<b>Theory:Practical (Ratio)</b>			<b>51.6%</b>	<b>48.4%</b>								

**Apparel Manufacturing (14)**

**6th Semester**

Sl. No.	Subject		Period		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	21262	Advanced Fabric Structure & Design	2	3	3	40	60	100	25	25	50	150
3	21461	Application of Computer in Apparel Manufacturing	0	6	2	-	-	-	50	50	100	100
4	21462	Garments Washing & Dyeing	2	3	3	40	60	100	25	25	50	150
5	21761	Fundamental of Merchandising	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
<b>Total</b>			<b>14</b>	<b>18</b>	<b>20</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>1,000</b>
<b>Total Period</b>					<b>32</b>							
<b>Theory:Practical (Ratio)</b>			<b>43.8%</b>	<b>56.3%</b>								

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**Apparel Manufacturing (14)**

**7th Semester**

Sl. No.	Subject		Period		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	21471	Special Apparel Production	2	3	3	40	60	100	25	25	50	150
3	21472	Compliance in Apparel Textile Industry	2	0	2	40	60	100	-	-	-	100
4	21474	Commercial Issues in Apparel Business	3	0	3	60	90	150	-	-	-	150
5	21875	Apparel Manufacturing Machinery and Maintenance	2	3	3	40	60	100	25	25	50	150
6	25842	Accounting & Cost Management	3	0	3	60	90	150	-	-	-	150
7	25852	Industrial Management	2	0	2	40	60	100	-	-	-	100
8	25853	Innovation & Entrepreneurship	2	0	2	40	60	100	-	-	-	100
<b>Total</b>			<b>18</b>	<b>6</b>	<b>20</b>	<b>360</b>	<b>540</b>	<b>900</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>1,000</b>
<b>Total Period</b>					<b>24</b>							
<b>Theory:Practical (Ratio)</b>			<b>75.0%</b>	<b>25.0%</b>								

**Apparel Manufacturing (14)**

**8th Semester**

Sl. No.	Subject		Period		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21481	Industrial Training	-	24	8	-	-	-	200	200	400	400
2		Graduation Project Presentation	-	12	4	-	-	-	100	100	200	200
<b>Total</b>			<b>-</b>	<b>36</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300</b>	<b>300</b>	<b>600</b>	<b>600</b>
<b>Total Period</b>					<b>36</b>							
<b>Theory:Practical (Ratio)</b>			<b>0.0%</b>	<b>100.0%</b>								

**Apparel Manufacturing (14)**

**Summary Structure (All Semester)**

Sl. No.	Semester	Period/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	14	18	20	280	420	700	150	150	300	1,000
7	7th Semester	18	6	20	360	540	900	50	50	100	1,000
8	8th Semester	-	36	12	-	-	-	300	300	600	600
<b>Total</b>		<b>111</b>	<b>141</b>	<b>158</b>	<b>2,220</b>	<b>3,330</b>	<b>5,550</b>	<b>1,175</b>	<b>1,175</b>	<b>2,350</b>	<b>7,900</b>
<b>Total Period</b>				<b>252</b>							
<b>Theory:Practical (Ratio)</b>		<b>44.0%</b>	<b>56.0%</b>	<b>STEAM Ratio</b>							