

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**SCHEME OF TEACHING AND EXAMINATION 2015-2016**

**B.Tech. (Textile Technology)**  
**[Common to B.Tech (Textile/Silk Technology)]**

**V SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours / Week		Examination				Credits
			Theory	Practical	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15TX51	Management and Entrepreneurship in Textile Industry	04	--	03	80	20	100	4
2	15TX52	Spinning Technology-III	04	--	03	80	20	100	4
3	15TX53	Fabric Manufacturing Technology-III	04	--	03	80	20	100	4
4	15TX54	Chemical Processing of Textiles-III	04	--	03	80	20	100	4
5	15TX55X	<b>Professional Elective</b>	04	--	03	80	20	100	4
6	15TXL56	Spinning Technology Lab-III		1I+2P	03	80	20	100	2
7	15TXL57	Fabric Manufacturing Technology Lab-III		1I+2P	03	80	20	100	2
8	15TXL58	Chemical Processing of Textiles Lab-III		1I+2P	03	80	20	100	2
<b>TOTAL</b>			<b>20</b>	<b>06</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>26</b>

<b>Professional Elective</b>	
15TX551	Knitting Technology
15TX552	Textile Mechanics and Calculations
15TX553	Erection and Maintenance of Textile Machinery
15TX554	Nano Textiles

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**VI SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination			Credits	
			Theory	Practical	Duration	Theory/ Practical Marks	I.A. Marks		Total Marks
1	15TX61	Sericulture and Silk Technology	04	--	03	80	20	100	4
2	15TX62	Textile Testing - I	04	--	03	80	20	100	4
3	15TX63	Fashion Design and Garment Manufacture	04	--	03	80	20	100	4
4	15TX64	Fabric Structure and Design - I	04	--	03	80	20	100	4
5	15TX65X	<b>Professional Elective</b>	04	--	03	80	20	100	4
6	15TXL66	Textile Testing Lab - I	--	1I+2P	03	80	20	100	2
7	15TXL67	Fashion Design and Garment Manufacture Lab	--	1I+2P	03	80	20	100	2
8	15TXL68	Fabric Structure and Design Lab - I	--	1I+2P	03	80	20	100	2
<b>TOTAL</b>			<b>20</b>	<b>6</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>26</b>

<b>Professional Elective</b>	
15TX651	Operations Research Techniques
15TX652	Environmental Management in Textile Industry
15TX653	Non-woven Technology
15TX654	Process Control in Weaving

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**VII SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination			Credits	
			Theory	Practical	Duration	I.A. Marks	Theory/ Practical Marks		Total Marks
1	15TX71	Apparel Marketing and Merchandising	04		03	20	80	100	4
2	15TX72	Textile Testing - II	04		03	20	80	100	4
3	15TX73	Fabric Structure and Design - II	04		03	20	80	100	4
4	15TX74X	<b>Professional Elective - I</b>	03		03	20	80	100	3
5	15TX75X	<b>Professional Elective - II</b>	03		03	20	80	100	3
6	15TXL76	Textile Testing Lab - II		1I+2P	03	20	80	100	2
7	15TXL77	Fabric Structure and Design Lab - II		1I+2P	03	20	80	100	2
8	15TXP78	Project Phase - I - Seminar		03		100	-	100	2
<b>TOTAL</b>			<b>18</b>	<b>6</b>	<b>21</b>	<b>240</b>	<b>560</b>	<b>800</b>	<b>24</b>

<b>Professional Elective-I</b>		<b>Professional Elective-II</b>	
15TX741	Statistical Applications to Textiles	15TX751	Total Quality Management
15TX742	Financial Management	15TX752	Retail Management
15TX743	CAD/CAM in Textiles	15TX753	Industrial Engineering
15TX744	Smart Textiles	15TX754	Elementary Mechanics of Textile Structures

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- 3. Project Phase –I - Seminar:** Literature Survey, Problem Identification, objectives and Methodology. Submission of synopsis and seminar.

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**VIII SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination			Credit	
			Theory	Practical	Duration	I.A. Marks	Theory/ Practical Marks		Total Marks
1	15TX81	Apparel Testing and Quality Control	4	-	3	20	80	100	4
2	15TX82	Technical Textiles	4	-	3	20	80	100	4
3	15TX83X	<b>Professional Elective</b>	3	-	3	20	80	100	3
4	15TX84	<b>Internship / Professional Practice</b>	Industry Oriented		3	50	50	100	2
5	15TXP85	Project Work Phase -II	-	6	3	100	100	200	6
6	15TXS86	Seminar	-	4	-	100	-	100	1
<b>TOTAL</b>			<b>11</b>	<b>10</b>	<b>15</b>	<b>310</b>	<b>390</b>	<b>700</b>	<b>20</b>

<b>Professional Elective</b>	
15TX831	Fibre Reinforced Composites
15TX832	Human Resource Management
15TX833	Clothing Culture and Communication
15TX834	Global Trade Practices

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- 2. Professional Elective:** Elective relevant to chosen specialization/ branch
- 3. Internship / Professional Practice:** To be carried between the 6<sup>th</sup> and 7<sup>th</sup> semester vacation or 7<sup>th</sup> and 8<sup>th</sup> semester vacation period.
- . Seminar :** Seminar topics should be selected from emerging and modern trends in textile technology.

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