

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

B.Tech. (Silk 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	Professional Elective	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	15XXL58	Chemical Processing of Textiles Lab-III		1I+2P	03	80	20	100	2
TOTAL			20	06	24	640	160	800	26

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

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			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	Professional Elective	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
TOTAL			20	6	24	640	160	800	26

Professional Elective

15TX651	Operation Research Techniques
15TX652	Environmental Management in Textile Industry
15TX653	Non-woven Technology
15TX654	Process Control in Weaving

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Sl. No	Subject Code	Title	Teaching Hours /Week		Examination			Credits	
			Theory	Practical	Duration	I.A. Marks	Theory/ Practical Marks		Total Marks
1	15ST71	Structure and Properties of Silk	04		03	20	80	100	4
2	15TX72	Textile Testing - II	04		03	20	80	100	4
3	15ST73	Silk Reeling Technology	04		03	20	80	100	4
4	15TX74X	Professional Elective-I	03		03	20	80	100	3
5	15TX/ST75X	Professional Elective-II	03		03	20	80	100	3
6	15TXL76	Textile Testing Lab-II		1I+2P	03	20	80	100	2
7	15STL77	Silk Reeling Technology Lab		1I+2P	03	20	80	100	2
8	15TXP78	Project Phase - I - Seminar		03		100	-	100	2
TOTAL			18	6	21	240	560	800	24

Professional Elective-I		Professional Elective-II	
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	15ST754	Silk Apparel Marketing and Merchandising

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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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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	15TX/ST83X	Professional Elective	3	-	3	20	80	100	3
4	15TX84	Internship / Professional Practice	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
TOTAL			11	10	15	310	390	700	20

Professional Elective	
15TX831	Fibre Reinforced Composites
15ST832	Non-mulberry Silks and Silk by-product Technology
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 6th and 7th semester vacation or 7th and 8th semester vacation period.
4. **Seminar :** Seminar topics should be selected from emerging and modern trends in textile technology.