

**SCHEME OF INSTRUCTION AND EXAMINATION (CBCS)  
B. TECH. (TEXTILE TECH.) THIRD SEMESTER  
(Effective from Academic Year 2017-2018)**

S.No.	Course No.	Course Title	SCHEME OF INSTRUCTION HOURS PER WEEK		SCHEME OF EXAMINATION			Credits
			L	P	Duration, Hours	CIE	SEE	
1	BS 301 SMAT	Statistical Methods & Applications to Textiles.	4	-	3	25	75	4
2	PC 302 YF	Yarn Formation-I	4	-	3	25	75	4
3	PC 303 FYT	Fibre & Yarn Testing	4	-	3	25	75	4
4	PC 304 FF	Fabric Formation-I	4	-	3	25	75	4
5	MC 305 ENS	Environmental Studies	4	-	3	25	75	4
Practicals								
6	PC 351 YF	Yarn Formation-I Lab	-	3	4	25	50	2
7	PC 352 FYT	Fibre & Yarn Testing Lab	-	3	4	25	50	2
8	PC 353 FF	Fabric Formation-I Lab	-	3	4	25	50	2
			20	9		200	525	26

**SCHEME OF INSTRUCTION AND EXAMINATION (CBCS)  
B.TECH (TEXTILE TECH) FOURTH SEMESTER  
(Effective from Academic Year 2017-2018)**

S.No.	Course No.	Course Title	SCHEME OF INSTRUCTION HOURS PER WEEK		SCHEME OF EXAMINATION			Credits
			L	P	Duration, Hours	CIE	SEE	
1	PC 401 MTM	Mechanics of Textile Machineries	4	-	3	25	75	4
2	PC 402 YF	Yarn Formation –II	4	-	3	25	75	4
3	PC 403 FF	Fabric Formation –II	4	-	3	25	75	4
4	PC 404 MMFT	Man Made Fibre Technology	4	-	3	25	75	4
5	ES 405 EEE	Electrical & Electronics Engg.	4	-	3	25	75	4
Practicals								
6	PC 451 FF	Fabric Formation –II Lab	-	3	4	25	50	2
7	ES 452 EEE	Electrical & Electronics Engg. Lab	-	3	4	25	50	2
Total			20	6		175	475	24

**SCHEME OF INSTRUCTION AND EXAMINATION (CBCS)  
 B.TECH. (TEXTILE TECH.) FIFTH SEMESTER  
 (Effective from Academic Year 2018-2019)**

S.No.	Course No.	Course Title	SCHEME OF INSTRUCTION HOURS PER WEEK		SCHEME OF EXAMINATION			Credits
			L	P	Duration, Hours	CIE	SEE	
1	PC 501 KT	Knitting Technology	4	-	3	25	75	4
2	PC 502 TWP	Textile Wet Processing	4	-	3	25	75	4
3	PC 503 ATM	Advanced Textile Manufacture	4	-	3	25	75	4
4	PC 504 FSD	Fabric Structure & Design	4	-	3	25	75	4
5	PE 505 E-I	<b>Elective – I .</b>	4	-	3	25	75	4
Practicals								
6	PC 551 FSD	Fabric Structure & Design Lab	-	3	4	25	50	2
7	PC 552 TWP	Textile Wet Processing Lab	-	3	4	25	50	2
8	PE 553 E-I	E-I Lab	-	3	4	25	50	2
			20	9		200	525	26

**Elective - I :** A. High Performance fibres B. Textile Mill Planning C. Process and Quality control in Textiles D. Practical Aspects of Textile Industry E Specialty Yarns F. Engineering Design of Textile Structures

**SCHEME OF INSTRUCTION AND EXAMINATION (CBCS)  
 B.TECH (TEXTILE TECH) SIXTH SEMESTER  
 (Effective from Academic Year 2018-2019)**

S.No.	Course No.	Course Title	SCHEME OF INSTRUCTION HOURS PER WEEK		SCHEME OF EXAMINATION			Credits
			L	P	Duration, Hours	CIE	SEE	
1	PC 601 APT	Apparel Production Tech.	4	-	3	25	75	4
2	PC 602 FT	Fabric Testing	4	-	3	25	75	4
3	PC 603 APD	Apparel Pattern Designing	4	-	3	25	75	4
4	PC 604TCFA	Textile Costing and Financial Analysis	4	-	3	25	75	4
5	PE 605 E-II	Elective – II	4	-	3	25	75	4
Practicals								
6	PC 651 APD	Apparel Pattern Designing Lab	-	3	4	25	50	2
7	PC 652 FT	Fabric Testing Lab	-	3	4	25	50	2
8	SEC 653 II	Industrial Internship				25		2
Total			20	6		200	475	24

**Elective – II :** A. Millennium Fibres B. Specialty Fabrics C Apparel Product Development Production Planning & Control D. Instrumentation, Automation & Control for Production E. Project Planning for Textiles and Apparel Units, F. Functional Finishes for Textiles and Apparel

**SCHEME OF INSTRUCTION AND EXAMINATION (CBCS)  
 B.TECH (TEXTILE TECH) SEVENTH SEMESTER  
 (Effective from Academic Year 2019-2020)**

S.No.	Course No.	Course Title	SCHEME OF INSTRUCTION HOURS PER WEEK		SCHEME OF EXAMINATION			Credits
			L	P	Duration, Hours	CIE	SEE	
1	PC 701 NWTT	Nonwoven Fabrics and Technical Textiles	4	-	3	25	75	4
2	PE 702 E III	<b>Elective – III</b>	4	-	3	25	75	4
3	PC 703 AQCM	Apparel Quality Control & Merchandizing	4	-	3	25	75	4
4	PC 704 TDPF	Apparel Accessories and Embellishments	4	-	3	25	75	4
5	PE 705 E-IV	<b>Elective-IV (Open )</b>	4	-	3	25	75	4
Practicals								
6	PC 751 PFTA	Printing & Finishing of Textiles & Apparel Lab	-	3	4	25	50	2
7	PC 752 AAE	Apparel Accessories and Embellishments Lab	-	3	4	25	50	2
8	SEC 753 PRO	Project Seminar	-	-		25	-	4
Total			20	6		200	475	28

**ELECTIVE – III :** A. Advances in Textile & Apparel Technology B. Textile and Apparel Exim Management C . Technology of Denim Fabric Production and Finishing D. Advances in Textile & Apparel Wet Processing E. Apparel Marketing and Material Management F. Clothing Comfort , Science and Fit

**Elective-IV (Open )**

- 1.Pollution Control in Process Industries (Chem. Eng.)
- 2.Product Packaging Technologies (FT)
- 3.Operations Research for Engineers(TT)

**PROPOSED SCHEME OF INSTRUCTION AND EXAMINATION  
(CBCS)  
B.TECH (TEXTILE TECH) EIGHTH SEMESTER  
(Effective from Academic Year 2019-2020)**

S.No.	Course No.	Course Title	SCHEME OF INSTRUCTION HOURS PER WEEK		SCHEME OF EXAMINATION			Credits
			L	P	Duration, Hours	CIE	SEE	
1	PE 801 E-V	Elective-V (Open )	4	-	3	25	75	4
2	PC 802 IE TA	Industrial Engineering for Textile and Apparel Units	4	-	3	25	75	4
3	PE 803 E-VI	Elective-VI	4	-	3	25	75	4
4	PC 804 IT	Industrial Textiles	4	-	3	25	75	4
<b>Practicals</b>								
5	PC 851 TQE	Textile Quality Evaluation Lab		3	4	25	75	2
6	SEC 852 PRW	Project Work	-			50	100	6
<b>Total</b>			<b>16</b>	<b>3</b>		<b>175</b>	<b>475</b>	<b>24</b>

**Elective-V (Open )**

- 1 Biochemical Engineering (Chem. Eng.) 2.Non-Thermal Processing of Foods.(FT)  
2.Statistical Analysis and Design of Experiments (TT)

**Elective-VI**

- 1.Retailing and Branding of Apparel 2. Bonded . Smart and Coated Textiles