

Intake:		2020 onwards		Specialization:		Textile and Apparel Engineering							
Details of the Curriculum				Stream:									
Module Code	Module Name	Category C/E/O	Time allocation [Hours/Week]		Credits offered		Norm		Evaluation %				
			Lecture	Lab / Tute	GPA	NGPA	GPA	NGPA	CA	WE			
Semester 1			Specialization requirement				18.0						
MA1014	Mathematics	C	5/2	1	3.0		18.0	20	80				
CS1033	Programming Fundamentals	C	2	2	3.0			20	80				
ME1033	Mechanics	C	2	2/4	2.0			20	80				
MT1023	Properties of Materials	C	2	2/4	2.0			20	80				
EE1040	Electrical Fundamentals	C	2	2/4	2.0			20	80				
TE1010	Fibre Science	C	5/2	2/2	3.0			30	70				
CE1023	Fluid mechanics	C	2	2/4	2.0			20	80				
EL1030	Language Skills Enhancement (S1 & S2)	C	-	2	1.0			100	0				
			Total		18.0	0.0	18.0	0.0					
Semester 2			Specialization requirement				23.0						
MA1024	Methods of Mathematics	C	5/2	1	3.0		21.0	30	70				
EN1803	Basic Electronics for Engineering Applications	C	2.0	2	3.0			40	60				
MT1814	Engineering Materials	C	3/2	1	2.0			40	60				
TE1020	Introduction to Textile and Apparel Industry	C	2.0	2	3.0			50	50				
CS2813	Visual Programming	C	1.0	2	2.0			60	40				
TE1030	Textile Chemistry	C	3.0	-	3.0			30	70				
TE1040	Pattern Technology and Construction I	C	1.0	2	2.0			70	30				
TE1050	Principles of Textile Machinery & Instrumentation	C	3/2	2/2	2.0			30	70				
EI1030	Language Skills Enhancement (S1 & S2)	C	-	2	1.0		100	0					
HM-1	Humanities Elective I	E	2.0	-	2.0		2.0						
			Total		23.0	0.0	23.0	0.0					
Semester 3			Specialization requirement				23.0						
MA2014	Differential Equations	C	2.0	-	2.0		20	30	70				
MA2024	Calculus	C	2.0	-	2.0			30	70				
ME1823	Fundamentals of Engineering Thermodynamics and Applications	C	5/2	2/2	3.0			30	70				
TE2010	Principles of Yarn Manufacture	C	5/2	2/2	3.0			30	70				
TE2020	Work Study	C	5/2	2/2	3.0			40	60				
TE2030	Knitting Technology	C	5/2	2/2	3.0			30	70				
TE2040	Weaving Technology I	C	5/2	2/2	3.0			40	60				
TE2050	Communication Skills Enhancement (S3 & S4)	C	-	2	1.0			100	0				
TE2900	Engineering Skills Development	C	1/2	5		3	3	100	0				
			Total		20.0	3	20	3					
Semester 4			Specialization requirement				19.0						
MA2034	Linear Algebra	C	2.0	-	2.0		16.0	3.0	30	70			
MA3014	Applied Statistics	C	2.0	-	2.0				30	70			
TE2110	Weaving Technology 11 and Structures	C	3.0	2	4.0				40	60			
TE2120	Apparel Production Engineering	C	2.0	2	3.0				40	60			
TE2130	Pneumatics	C	5/2	2/2	3.0				30	70			
TE2050	Communication Skills Enhancement (S3 & S4)	C	-	4	2.0				100	0			
TE2910	Computer Applications in Textile Engineering	C	1.0	4		3.0			100	0			
TE2210	Pattern Technology and Construction II	E	1.0	2	2.0				70	30			
TE2220	Nanotechnology	E	5/2	2/2	3.0		30	70					
			Total		21.0	3.0	16.0	3.0					
Semester 5			Specialization requirement				17.0						
MN3043	Business Economics & Financial Accounting	C	3.0	-	3.0		17.0	30	70				
TE3010	Textile Testing, Evaluation and Quality Assurance	C	7/2	2/2	4.0			50	50				
TE3020	Non Wovens and Technical Textiles	C	3.0	-	3.0			40	60				
TE3030	Circular knitting	C	5/2	2/2	3.0			30	70				
TE3040	Colouration & Finishing of Textiles	C	5/2	2/2	3.0			40	60				
TE3880	Engineer and Society (S5 & S6)	C	0.0	2	1.0			100	0				
TE3210	CAD in Apparels	E	2.0	2	3.0			100	0				
TE3220	Analytics for Manufacturing and Service Businesses	E	5/2	2/2	3.0			70	30				
TE3230	Instrumentation & Programming for Automation	E	5/2	2/2	3.0		40	60					
			Total		26.0	0.0	17.0	0.0					
Industrial Training			Specialization requirement				6.0						

