

COURSE STRUCTURE 2026

B.Tech. (Fashion Technology): Four Years Program | Total No. of credits offered: 160

Year	FIRST SEMESTER						SECOND SEMESTER					
	Sub. Code	Subject Name	L/S	T	P	C	Sub. Code	Subject Name	L/S	T	P	C
I	FADXXXX	Mathematics (Linear Algebra)	3	0	0	3	FADXXXX	Mathematics (Geometry)	3	0	0	3
	CHYXXXX	Engineering Chemistry & Lab	2	0	2	3	FADXXXX	Graphic Design	0	1	4	3
	FADXXXX	Engineering Drawing	0	1	4	3	FADXXXX	Yarn & Fabric Manufacturing Processes	2	0	0	2
	MEEXXXX	Manufacturing Processes	2	0	2	3	PHYXXXX	Engineering Physics & Lab	2	1	2	4
	FADXXXX	Visual Graphics	0	1	4	3	FADXXXX	Design Thinking	0	1	4	3
	MEEXXXX	Creativity & Innovation	1	1	0	2	FADXXXX	Apparel Machineries & Equipments	0	2	2	3
	FADXXXX	Programming Fundamentals (Python/R)	0	1	2	2	CHYXXXX	Environmental Studies	2	0	0	2
	LLCXXXX	Communication skills	2	0	0	2	XXXXXXX	Community Engagement & Social Responsibility	1	0	2	2
	XXXXXXX	Happiness Program	1	0	0	1						
		11	04	14	22			10	5	14	22	
Total Contact Hours L + T + P			29			Total Contact Hours L + T + P			29			
II	THIRD SEMESTER						FOURTH SEMESTER					
	MASXXXX	Probability & Statistics	3	0	0	3	FADXXXX	Wearable Electronics	2	0	0	2
	FADXXXX	Textile Wet Processing	2	0	2	3	FADXXXX	Advanced Pattern Engineering	0	2	4	4
	ECE2102	Digital Electronics	3	1	0	4	FADXXXX	Garment Construction & Grading Techniques	0	2	4	4
	ECE2131	Digital Electronics Lab	0	0	2	1	FADXXXX	Computer Application in Fashion-3D	0	1	2	2
	FADXXXX	Pattern Making Techniques & Adaptation	0	2	4	4	FADXXXX	Integrated Project -I	0	2	4	4
	FADXXXX	Garment Manufacturing Technology	0	2	4	4	FADXXXX	Program Elective- I	0	1	4	3
	FADXXXX	Fashion Illustration	0	0	4	2	XXX00XX	Open Elective - I	3	0	0	3
		8	05	16	21			05	08	18	23	
Total Contact Hours (L/S + T + P)			29			Total Contact Hours (L/S + T + P)			31			

Year	FIFTH SEMESTER						SIXTH SEMESTER					
	Sub. Code	Subject Name	L/S	T	P	C	Sub. Code	Subject Name	L/S	T	P	C
I	MCE3130	Design and Modelling Lab	0	0	2	1	FADXXXX	Apparel Production Planning & Control	3	0	0	3
	FADXXXX	Research Methodology	2	0	0	2	FADXXXX	Apparel Costing & Quality Management	2	0	0	2
	FADXXXX	Apparel Size & Fit Analysis	0	2	2	3	FADXXXX	Smart Clothing	0	2	4	4
	FADXXXX	Luxury Brand Management	2	0	0	2	FADXXXX	Integrated Project-II	0	0	6	3
	FADXXXX	Industrial Engineering for Fashion	4	0	0	4	FADXXXX	Apparel Merchandising	2	0	0	2
	FADXXXX	Knitting Technology	0	1	4	3	FADXXXX	AI in Fashion Industry	2	0	0	2
	FADXXXX	Program Elective -II	0	1	4	3	FADXXXX	Program Elective -III	0	1	4	3
	XXX00XX	Open Elective II	3	0	0	3	XXX00XX	Open Elective - III	3	0	0	3
			11	04	12	21			12	03	14	22
Total Contact Hours L + T + P			27			Total Contact Hours L + T + P			29			
II	SEVENTH SEMESTER						EIGHT SEMESTER					
	FADXXXX	Organisational Behaviour	2	0	0	2	FADXXXX	Internship	0	0	14	7
	FADXXXX	Garment finishing & care	2	0	0	2	FADXXXX	Major Project -II	0	0	8	4
	FADXXXX	Portfolio Development	0	0	4	2	0		0	0	0	0
	FADXXXX	Program Elective -IV	0	1	4	3	0		0	0	0	0
	FADXXXX	Major Project -I	0	0	6	3	0		0	0	0	0
	XXX00XX	Open Elective - IV	3	0	0	3	0		0	0	0	0
	XXX00XX	Open Elective - V	3	0	0	3	0		0	0	0	0
			10	01	14	18			0	0	22	11
Total Contact Hours (L/S + T + P)			25			Total Contact Hours (L/S + T + P)			23			

L – Lecture, T – Tutorial, P – Practical, C – Credits

Track	Programme Elective I	Programme Elective II	Programme Elective III	Programme Elective IV
Track 1: Textile Design & Sustainability	Print Design and innovation techniques	Textile Chemical Processing	Recycling of Textile & Apparel Products	Craft Cluster
Track 2: Apparel Design & Construction	Pattern making and Garment construction of bifurcated garments	Pattern making and Garment construction for jackets	Pattern Making & Garment construction for Contoured Apparel	Pattern Making & Garment construction for Trouble shooting
Track 3: Smart Manufacturing & Automation	Introduction to IoT	Mechatronics-1 (Motion Mechanism)	Mechatronics-2 (Kinetic Application in Garments)	Robotics & Automation for Fashion

Note:

* *Open electives are considered as MLC, the grade obtained in this course will not be used for computation of CGPA.*

** *Students will be able to select the electives as offered by the school. Min. of 10 students are required to run any elective.*