

BRANCH VII: DIPLOMA IN APPAREL TECHNOLOGY

Course Code	Course Title	Hours/Week			Credits	Maximum Marks		
		Lecture	Tutorial	Practical		CA	FE	Total
SEMESTER 1								
THEORY								
X21101	ENGINEERING MATHEMATICS -I	4	1	-	5	25	75	100
X21102	PHYSICS	4	1	-	5	25	75	100
X21103	CHEMISTRY	4	-	-	4	25	75	100
X21104	ENGLISH	4	-	-	4	25	75	100
A21105	FIBRE SCIENCE AND TECHNOLOGY	4	1	-	5	25	75	100
PRACTICALS								
X21151	PHYSICS LABORATORY	-	-	2	1	25	75	100
X21152	CHEMISTRY LABORATORY	-	-	2	1	25	75	100
A21153	SEWING WORKSHOP PRACTICE	-	-	3	1.5	25	75	100
A21154	INPLANT TRAINING	-	-	3	1.5	-	-	GRADE
X21155	PHYSICAL EDUCATION-I	-	-	2	1	-	-	GRADE
	TOTAL	20	3	12	29	200	600	800
SEMESTER 2								
THEORY								
X21201	ENGINEERING MATHEMATICS -II	4	1	-	5	25	75	100
X21202	CALCULUS AND ITS APPLICATIONS	4	1	-	5	25	75	100
A21203	PROPERTIES OF MATERIALS	4	-	-	4	25	75	100
A21204	APPLIED CHEMISTRY	4	-	-	4	25	75	100
A21205	BASIC ENGINEERING GRAPHICS	2	-	3	3.5	25	75	100
PRACTICALS								
A21251	PROPERTIES OF MATERIALS LABORATORY	-	-	2	1	25	75	100
A21252	APPLIED CHEMISTRY LABORATORY	-	-	2	1	25	75	100
A21253	BASICS OF COMPUTING AND INFORMATICS	-	-	3	1.5	25	75	100
A21254	COMMUNICATIVE ENGLISH LABORATORY	1	-	2	2	25	75	100
X21255	PHYSICAL EDUCATION -II	-	-	2	1	-	-	GRADE
	TOTAL	19	2	14	28	225	675	900
SEMESTER 3								
THEORY								
A21301	PROBABILITY AND STATISTICS	4	1	-	5	25	75	100
A21302	YARN MANUFACTURING TECHNOLOGY	4	1	-	5	25	75	100
A21303	FABRIC MANUFACTURING TECHNOLOGY	4	1	-	5	25	75	100
A21304	APPAREL MACHINERY AND EQUIPMENT	4	1	-	5	25	75	100
PRACTICALS								
A21351	BASIC PATTERN MAKING LABORATORY	-	-	3	1.5	25	75	100
A21352	FABRIC ANALYSIS LABORATORY	-	-	3	1.5	25	75	100
A21353	BASIC GARMENT CONSTRUCTION LABORATORY	-	-	3	1.5	25	75	100
A21354	FASHION SKETCHING LABORATORY	-	-	3	1.5	25	75	100
A21355	TECHNICAL COMMUNICATION LABORATORY	1	-	2	2	25	75	100
	TOTAL	17	4	14	28	225	675	900

Legend: **CA**–Continuous Assessment; **FE**–Final Examination;

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SEMESTER 4								
THEORY								
A21401	CHEMICAL PROCESSING AND TEXTILE TESTING	4	1	-	5	25	75	100
A21402	FASHION DESIGNING	4	1	-	5	25	75	100
A21403	PATTERN ENGINEERING	4	1	-	5	25	75	100
A21404	GARMENT CONSTRUCTION	4	1	-	5	25	75	100
PRACTICALS								
A21451	CHEMICAL PROCESSING LABORATORY	-	-	3	1.5	25	75	100
A21452	TEXTILE TESTING LABORATORY	-	-	3	1.5	25	75	100
A21453	FASHION DESIGNING LABORATORY	-	-	3	1.5	25	75	100
A21454	PATTERN MAKING – CHILDREN'S WEAR LABORATORY	-	-	3	1.5	25	75	100
A21455	GARMENT CONSTRUCTION – CHILDREN'S WEAR LABORATORY	-	-	3	1.5	25	75	100
A21456	INTERNSHIP [#]	-	-	-	3	-	-	GRADE
	TOTAL	16	4	15	30.5	225	675	900
SEMESTER 5								
THEORY								
A21501	APPAREL PRODUCTION PLANNING AND CONTROL	4	2	-	6	25	75	100
A21502	APPAREL QUALITY EVALUATION	4	2	-	6	25	75	100
A21Exx	ELECTIVE THEORY- I	4	1	-	5	25	75	100
PRACTICALS								
A21551	PATTERN MAKING - WOMEN'S AND MEN'S WEAR LABORATORY	-	-	3	1.5	25	75	100
A21552	GARMENT CONSTRUCTION- WOMEN'S AND MENS WEAR LABORATORY	-	-	3	1.5	25	75	100
A21553	APPAREL CAD LABORATORY	1	-	2	2	25	75	100
A21554	CLOTHING COMFORT LABORATORY	-	-	3	1.5	25	75	100
A21555	MINI PROJECT AND ENTREPRENEURSHIP	3	-	3	4	25	75	100
	TOTAL	16	5	14	27.5	200	600	800
SEMESTER 6								
THEORY								
A21601	APPAREL MARKETING AND MERCHANDISING	4	-	-	4	25	75	100
A21602	FUNCTIONAL CLOTHING	4	1	-	5	25	75	100
A21Exx	ELECTIVE THEORY- II	4	1	-	5	25	75	100
PRACTICALS								
A21651	FASHION PRODUCT DEVELOPMENT LABORATORY	-	-	3	1.5	25	75	100
A21652	FASHION CAD LABORATORY	-	-	3	1.5	25	75	100
A21653	SURFACE ORNAMENTATION LABORATORY	-	-	3	1.5	25	75	100
A21654	FASHION DRAPING LABORATORY	-	-	3	1.5	25	75	100
A21655	PROJECT WORK AND VIVA VOCE	-	-	9	4	25	75	100
	TOTAL	12	2	21	24	200	600	800

ELECTIVE COURSES (Two to be opted)

Course Code	Course Title	Hours/Week			Credits	Maximum Marks		
		Lecture	Tutorial	Practical		CE	FE	Total
THEORY								
A21E01	DENIM MANUFACTURING	4	1	-	5	25	75	100
A21E02	CLOTHING COMFORT	4	1	-	5	25	75	100
A21E03	HOME TEXTILES	4	1	-	5	25	75	100
A21E04	APPAREL COSTING	4	1	-	5	25	75	100
A21E05	COSTUMES AND APPAREL DESIGN	4	1	-	5	25	75	100
A21E06	SUSTAINABLE FASHION	4	1	-	5	25	75	100
A21E07	COMPUTER INTEGRATED MANUFACTURING IN APPAREL AND FASHION	4	1	-	5	25	75	100
A21E08	CLOTHING FINISHING AND CARE	4	1	-	5	25	75	100

Legend: **CA**–Continuous Assessment; **FE**–Final Examination;
-Internship will be arranged for 4 weeks during the vacation at the end of 4th semester