

KUMARAGURU COLLEGE OF TECHNOLOGY

B.TECH FT – Curriculum (Regulation 2017)

Semester III										Pre-requisite
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U17EEI3206	Basic Electrical and Electronics Engineering	Embedded - Theory & Lab	ES	3	0	2	0	4	Nil
2	U17FTT3001	Weaving Technology	Theory	PC	3	0	0	0	3	U17FTT1001
3	U17FTI3202	Concepts of Fashion and Design	Embedded - Theory & Lab	PC	3	0	2	0	4	Nil
4	U17FTT3003	Pattern making and Adaptation	Theory	PC	3	0	0	0	3	Nil
5	U17FTI3204	Garment Components Fabrication	Embedded - Theory & Lab	PC	3	0	2	0	4	Nil
6	U17INI3300	Engineering Clinic 1	Project based course	ES	1	0	0	4	3	Nil
Total Credits									21	
Total Contact Hours/week									26	

Semester IV										Pre-requisite
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U17MAT4102	Probability and Statistics	Theory and Tutorial	BS	3	1	0	0	4	Nil
2	U17MET4007	Basics of Mechanical Engineering	Theory	ES	3	0	0	0	3	NIL
3	U17FTT4001	Apparel Machinery and Equipment	Theory	PC	3	0	0	0	3	NIL
4	U17FTI4202	Apparel Design and Development	Embedded - Theory & Lab	PC	3	0	2	0	4	U17FTT3004
5	U17FTI4203	Fabric Structure and Design	Embedded - Theory & Lab	PC	3	0	2	0	4	U17FTT3001
6	U17INI4300	Engineering Clinic 2	Project based course	ES	1	0	0	4	3	Nil
Total Credits									21	
Total Contact Hours/week									25	

Semester V										Pre-requisite
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U17MAT5102	Discrete mathedYmatics	Theory and Tutorial	BS	3	1	0	0	4	Nil
2	U17FTI5201	Textile Chemical Processing	Embedded - Theory & Lab	PC	3	0	2	0	4	Nil
3	U17FTI5202	Textile and Apparel Quality Evaluation	Embedded - Theory & Lab	PC	3	0	2	0	4	Nil
4	U17FTT5003	Knitting Technology	Theory	PC	3	0	0	0	3	Nil
5	U17FTP5504	Portfolio Presentation I	Lab	PC	0	0	2	0	1	U17FTI4202
6	U17INI5300	Engineering Clinic 3	Project based course	ES	1	0	0	4	3	Nil
7	U17FTP5501	Industrial Training*	Industry	PC	0	0	2	0	1	NIL
Total Credits									20	
Total Contact Hours/week									26	
*Industrial training to be undertaken during the 4 th Semester summer vacation –Internal evaluation										

Semester VI										Pre-requisite
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U17FTT6001	Apparel Production Planning and Control	Theory	PC	3	0	0	0	3	Nil
2	U17FTT6002	Apparel Retail Management	Theory	PC	3	0	0	0	3	Nil
3	U17FTT6003	Apparel Brand Management	Theory	PC	3	0	0	0	3	Nil
4	U17FTP6504	Apparel CAD lab	Lab	PC	0	0	2	0	1	Nil
5	U17FTP6505	Apparel Production Lab II	Lab	PC	0	0	2	0	1	U17FTI4202
6	U17FTP6506	Portfolio Presentation II	Lab	PC	0	0	2	0	1	U17FTP5504
7	U17INI6300	Engineering Clinic 4	Project based course	ES	1	0	0	4	3	Nil
8	U17OE.....	Open Elective	Theory	PE	3	0	0	0	3	Nil
	U17FTE.....	Programme Elective I	Theory	PE	3	0	0	0	3	Nil
Total Credits									21	
Total Contact Hours/week									22	

Semester VII										Pre-requisite
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U17FTT7001	Apparel Merchandising and Cost Management	Theory	PC	3	0	0	0	3	Nil
2	U17FTT7002	Industrial Engineering in Apparel Industry	Theory	PC	3	0	0	0	3	Nil
3	U17INT7000	Soft skills programme	Theory	HS	3	0	0	0	3	Nil
4	U17FTE....	Programme Elective II	Theory	OE	3	0	0	0	3	Nil
5	U17FTE....	Programme Elective III	Theory	PE	3	0	0	0	3	Nil
6	U17FTP7701	Engineering Project-Phase I	Project only Course	PW	0	0	0	6	3	
Total Credits									18	
Total Contact Hours/week									21	

Semester VIII									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U17FTP8701	Engineering Project-Phase II	Project only Course	PW	0	0	0	24	12
Total Credits									12
Total Contact Hours/week									24

Total Credits									158
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List of mandatory courses

S.No	Course Code	Course Title	Course Mode	CT	Sem
1	U17VEP1501	Human Excellence - Personal Values	Lab	HS	1
2	U17VEP2502	Human Excellence-Inter Personal values	Lab	HS	2
3	U17VEP3503	Human Excellence-Family Values	Lab	HS	3
4	U17CHT3000	Environmental Science and Engineering	Theory	MC	3
5	U17VEP4504	Human Excellence-Professional Values	Lab	HS	4
6	U17IST4000	Indian Constitution	Theory	MC	4

7	U17VEP5505	Human Excellence-Social Values	Lab	HS	5
8	U17VEP6506	Human Excellence-National Values	Lab	HS	6
9	U17VEP7507	Human Excellence-Global Values	Lab	HS	7

Programme Electives									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
Fashion designing									
1	U17FTE0001	Apparel Product development	Theory	PE	3	0	0	0	3
2	U17FTE0002	Surface Ornamentation	Theory	PE	3	0	0	0	3
3	U17FTE0003	Visual Merchandising	Theory	PE	3	0	0	0	3
4	U17FTE0004	Digital Marketing for Fashion Branding	Theory	PE	3	0	0	0	3
Apparel Technology									
1	U17FTE0005	Clothing science for Apparel Engineering	Theory	PE	3	0	0	0	3
2	U17FTE0006	Apparel Finishing and care	Theory	PE	3	0	0	0	3
3	U17FTE0007	Functional Clothing	Theory	PE	3	0	0	0	3
4	U17FTE0008	ERP and MIS in Apparel industry	Theory	PE	3	0	0	0	3
Apparel Management									
1	U17FTE0009	Fashion Marketing	Theory	PE	3	0	0	0	3
2	U17FTE0010	Social Compliance in Apparel industry	Theory	PE	3	0	0	0	3
3	U17FTE0011	Global Marketing and Sourcing Strategies	Theory	PE	3	0	0	0	3
4	U17FTE0012	Logistics and Supply chain Management	Theory	PE	3	0	0	0	3