

Faculty of Technology
B. Tech. Fashion Technology
(R 2017) Semester – III
EE8362 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	D. C. Motor Generator Set	2		
2.	D.C. Shunt Motor	2		
3.	Single Phase Induction Motor	2		
4.	Ammeter A.C and D.C	20		
5.	Voltmeters A.C and D.C	20		
6.	Watt meters LPF and UPF	12		
7.	Resistors & Breadboards (Necessary Quantities)	20		
8.	Cathode Ray Oscilloscopes	4		
9.	Dual Regulated power supplies	6		
10.	A.C. Signal Generators	4		
11.	Communication system demonstration kits	2		
12.	Modulation and demodulation demo kits	2		
13.	ADC and DAC circuit demo kits	2		

Faculty of Technology
B. Tech. Fashion Technology
(R 2017) Semester – III
FT8311 FASHION ILLUSTRATION LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Drawing tables	15		

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B. Tech. Fashion Technology
(R 2017) Semester – III
FT8312 PATTERN ENGINEERING LABORATORY I
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Working surface – pattern making / cutting table (polished or laminated top)	5		
2.	Rulers – 12” and 36”	15		
3.	Tailor’s square – 24” x 14”	15		
4.	Curve rules – French curves, hip curves and vary form curve	15		
5.	Pattern notcher, tracing wheel, awl	5		
6.	Measuring tape	30		
7.	Pattern weights	10		
8.	Dress forms (Full and Half) – Men, Women and children	1		

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B. Tech. Fashion Technology
(R 2017) Semester – IV
FT8411 PATTERN ENGINEERING LABORATORY II
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Working surface – pattern making / cutting table (polished or laminated top)	5		
2.	Rulers – 12” and 36”	15		
3.	Tailor’s square – 24” x 14”	15		
4.	Curve rules – French curves, hip curves and vary form curve	15		
5.	Pattern notcher, tracing wheel, awl	5		
6.	Measuring tape	30		
7.	Pattern weights	10		
8.	Dress forms (Full and Half) – Men, Women and Children (1 set Each)	1		

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B. Tech. Fashion Technology
(R 2017) Semester – IV
FT8412 GARMENT CONSTRUCTION LABORATORY I
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Single needle lock stitch machine	15		
2.	Double needle lock stitch machine	2		
3.	Over-lock machine	2		
4.	Feed-of-the-arm machine	1		
5.	Button stitch machine	1		
6.	Button hole machine	1		
7.	Flat lock machine	1		
8.	Zigzag machine	1		
9.	Straight knife cutting machine	1		
10.	Steam pressing table (Desirable)	1		

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(R 2017) Semester – V
TT8681 TEXTILE CHEMICAL PROCESSING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Stainless vats (500 ml)	30		
2.	Water bath	2		
3.	Stirrer	1		
4.	Steam ager	1		
5.	Pilot padding mangle	1		
6.	HTHP Beaker dyeing machine	1		
7.	Pilot curing chamber	1		
8.	Fastness tester for Washing, Light, Perspiration & Rubbing	1		
9.	Printing table	1		
10.	Spectrophotometer	1		

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B. Tech. Fashion Technology
(R 2017) Semester – V
FT8511 GARMENT CONSTRUCTION LABORATORY II
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Single needle lock stitch machine	15		
2.	Flat lock machine with elastic attachment	1		
3.	Feed off the arm machine	1		
4.	Over lock machine	2		
5.	Button holing & button attachment machine	1		
6.	Cylinder bed Sewing machines	1		
7.	Collar & Cuff recessing machine	1		

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(R 2017) Semester – V
TT8561 FABRIC ANALYSIS LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	GSM Cutter	3		
2.	Beesley Balance	2		
3.	Crimp Tester	2		
4.	Electronic balance	1		

Faculty of Technology
B. Tech. Fashion Technology
(R 2017) Semester – VI
FT8611 FASHION DESIGN LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Drawing tables	15		

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(R 2017) Semester – VI
FT8661 TEXTILE QUALITY EVALUATION LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Baer Sorter	1		
2.	Fibre Bundle strength tester	1		
3.	Fibre Fineness tester	1		
4.	Trash Analyser	1		
5.	Projection Microscope	1		
6.	Wrap Reel	1		
7.	Wrap Block	1		
8.	Yarn Twist Tester	1		
9.	Single Yarn Strength Tester	1		
10.	Bundle yarn strength tester	1		
11.	Ballistic Tester	1		
12.	Yarn Unevenness tester	1		
13.	Weighing balance	1		

14.	Yarn appearance Board Winder	1		
15.	Yarn appearance Board (Standards)	1		
16.	Fabric tensile strength tester	1		
17.	Fabric tearing strength tester	1		
18.	Fabric Thickness Tester	1		
19.	Fabric Stiffness Tester	1		
20.	Fabric Crease Recovery Tester	1		
21.	Fabric Bursting Strength Tester	1		
22.	Fabric Abrasion Resistance Tester	1		
23.	Fabric Pilling resistance tester	1		
24.	Fabric air permeability tester	1		
25.	Fabric Drape meter	1		

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(R 2017) Semester – VI
FT8612 GARMENT MACHINERY LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Single needle lock stitch machine	15		
2.	Double needle lockstitch machine	2		
3.	Flat lock machine with elastic attachment	1		
4.	Feed off the arm machine	1		
5.	Over lock machine	2		
6.	Button holing & button attachment machine	1		

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(R 2017) Semester – VII
FT8711 COMPUTER AIDED GARMENT DESIGN LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Computer with Marker planning software	15		
2.	Pattern Digitizer	2		
3.	Printer / plotter (above 42")	1		