

Faculty of Technology
B. Tech. Textile Chemistry
(R 2017) Semester – III
TC8311 YARN AND FABRIC MANUFACTURING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Blow room Line	1		
2.	Carding machine	1		
3.	Drawing machine	1		
4.	Comber preparatory and combing machines	1		
5.	Roving machine	1		
6.	Ring Frame	1		
7.	Cone / Cheese winding machine	1		
8.	Pirn winding machine	1		
9.	Loom with tappet shedding	1		
10.	Loom with dobby shedding	1		
11.	Loom with jacquard	1		
12.	Loom with dropbox	1		

Faculty of Technology
B. Tech. Textile Chemistry
(R 2017) Semester – III
TT8361 FIBRE SCIENCE LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Microscope	1		
2.	Weighing balance	1		
3.	Conditioning Chamber	1		

Faculty of Technology
B. Tech. Textile Chemistry
(R 2017) Semester – IV
TC8411 WET PROCESSING PREPARATION LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Jigger	1		
2.	Winch	1		
3.	Water Bath with heating facility	1		
4.	Tensile Strength Tester	1		
5.	Computer colour Matching system	1		
6.	pH Meter	3		
7.	Weighing balance	1		

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B. Tech. Textile Chemistry
(R 2017) Semester – IV
TC8412 TEXTILE CHEMICAL ANALYSIS LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Beaker Dyeing machine	1		
2.	Dye Bath	1		
3.	Weighing Balance	1		
4.	Stop Watch	1		
5.	Soxhlet Apparatus	1		

Faculty of Technology
B. Tech. Textile Chemistry
(R 2017) Semester – V
TC8511 DYEING OF SYNTHETIC TEXTILE LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Beaker Dyeing machine	1		
2.	Water Bath with heating facility	1		
3.	Weighing Balance	1		
4.	Hardness Meter	1		
5.	pH Meter	1		
6.	Jigger	1		
7.	Padding mangle	1		
8.	Computer color matching system	1		
9.	Winch	1		
10.	HHP Soft flow dyeing machine	1		

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B. Tech. Textile Chemistry
(R 2017) Semester – V
TC8512 TEXTILE DYEING AND PRINTING 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)	15		
2.	Water bath	2		
3.	Stirrer	3		
4.	Steam ager	1		
5.	Pilot padding mangle	1		
6.	HHP Beaker dyeing machine	1		
7.	Pilot curing chamber	1		
8.	Fastness tester for Washing, Light, Perspiration & Rubbing	1		
9.	Printing table	3		
10.	Spectrophotometer	1		

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B. Tech. Textile Chemistry
(R 2017) Semester – VI
TC8611 TEXTILE FINISHING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Padding mangle	1		
2.	Curing oven	1		
3.	Water Bath	1		
4.	Hand Dryer	1		
5.	Weighing Balance	1		
6.	Laundrometer	1		
7.	Crease recovery tester	1		
8.	Jigger	1		

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B. Tech. Textile Chemistry
(R 2017) Semester – VI
TC8612 GARMENT PRODUCTION AND PROCESSING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Garment dyeing machine	1		
2.	Sewing machine	10		
3.	Garment washing machine	1		
4.	Tumble dryer	1		
5.	Ironing Table	1		
6.	Table Screen printing Machine	1		

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B. Tech. Textile Chemistry
(R 2017) Semester – VII
TC8711 PRODUCT DEVELOPMENT LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Jigger	1		
2.	Winch	1		
3.	Padding mangle	1		
4.	Soft flow dyeing machine	1		
5.	Water Bath	1		
6.	Beaker dyeing machine	1		

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B. Tech. Textile Chemistry
(R 2017) Semester – VII
TC8712 PROBLEM ANALYSIS AND CASE STUDIES IN WET PROCESSING
LABORATORY

Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Padding mangle	1		
2.	Beaker Dyeing Machine	1		
3.	Hot air oven	1		
4.	Water Bath	1		
5.	Table screen Printing	1		
6.	Soft flow Dyeing Machine	1		
7.	IR Dyeing Machine	1		
8.	Steamer	1		
9.	Weighing Balance	1		
10.	Tensile strength tester	1		
11.	Jigger	1		
12.	Winch	1		
13.	Laundro Meter	1		
14.	Crock meter	1		