

List of Machine/Instrument /Equipment

Sr.No	Name of Lab	Name of the Machine/Instrument /Equipment
1	Advanced Fabric Research Lab	Moisture Drying Rate Tester
		Fabric feel tester
		Moisture Management Tester
		Water vapour permeability tester
		Fabric Stiffness Tester
		Fabric Thickness Tester
		Filter Media Tester
		Particle Size Analyser Promo 2000
		Thermal Resistance Tester (Alambeta)
2	Yarn Manufacturing Lab	Trash Analyser for Fibers
		DREF-II & III Friction Spinning Machine for Sample Preparation
3	Fabric Formation Lab	Circular Knitting -TK83, Harry Lucas
		Yarn Abrasion Tester -SF149/5, Dynamic Centre
		Pore Size Analyser
		UTM -410KL, Aimil Ltd.
4	Textile Chemical Processing	Drying, Curing and Setting Chamber
		Perspirometer
		HTHP -Beaker Dyeing Machine
		Data Color Check LAV portable Color Control System
		Infrared Heated Lab Dyeing Machine (Data Color)
		Light Fastness Tester
		UV/Visible Double Beam Spectrophotometer
		Washing Fastness Tester
		Sublimation Fastness Tester
		Electronic Crockmeter
		Sonicator (SONICS- Vibracell)
5	Garment Technology	Lock stitch button holing machine- LBH-781
		High speed; single thread chain stitch button sewing machine- MB-373NS
		(Brother), Lock stitch machine
		High speed over lock stitch machine-(MO-67435)
		Button impact tester
		Steam pressing machine
		Microscope (Radical Scientific Equipment) - RXLr-4
		Software - Tuka tech (10 user)
		Reach fashion studio (10 user)
		Reach merchandising Manager(5 user)
		Reach cut planner (5 user)
Fusing Machine		
Double needle lockstitch machine		

6	Fibre Science Lab	Differential Scanning Calorimetry (DSC)
		Dynamic Mechanical Analysis (DMA)
		Thermal Conductivity Tester
		FTIR (Bruker)
7	Textile Testing Lab	Bear Sorter
		Beesley Balance
		Electronic Moisture Meter
		Projection Microscope
		Evenness Tester
		Image Analyser
		Wrap Reel
		Yarn Count Balance
		Yarn Appearance Board
		Microscope & Digital Stroboscope
		Yarn Friction Tester
		Yarn Tension Meter
		Single Thread Tester
		Lea Strength Tester
		Universal Testing Machine
		Martindale Abrasion Tester
		Nep Counting Template
		Air Permeability Tester
		Fabric Thickness Tester
		Fabric Strength Tester
		Drape Meter
		Pilling Tester
		Brusting Strength Tester
		Water Repellency Spray Tester
		Water Permeability Tester
		GSM Cutter
		Tearing Strength Tester
		Bending Length
		Travelling Microscope
		Static Charge Meter
		Twist Tester
		Carpet Digital Thickness Gauge
Carpet Dynamic Loading Machine		
Static Loading Machine		