

Detail of Machinery/Equipments procured in Textile Engineering Department

Yarn Manufacturing Laboratory

S. No	Name of Instruments	Quantity
1	High Speed Ring Frame	01
2	ERM B5/5	01
3	Mono cylinder B4	01
4	Carding Machine (C1/3)	01
5	Comber ((E7/4)	01
6	Draw frame DO2	01
7	Speed Frame Machine (Miniature)	01
8	Compact Ring Spinning (Miniature)	01
9	Rotor Spinning Machine(Miniature)	01
10	Two for One Twisting(Miniature)	01
11	Fancy Doubling (Miniature)	01

Fabric Manufacturing Laboratory

S. No	Name of Instruments	Quantity
1	Automatic Pirn Winder	01
2	Under Pick Dobby Loom	01
3	Rapier Loom	01
4	Power Jacquard M/C	01

5	Manual Jacquard Card Punching M/C	01
6	Auto Pirn Changing Loom	01
7	Narrow Width Loom	01
8	Handloom	01
9	Cheese Cum Cone Winding M/C	01

Textile Testing Laboratory

S. No	Name of Instruments	Quantity
1.	Stelometer with Torsional Balance	01
2.	Crease Recovery Tester	01
3.	Fabric Thickness Tester	01
4.	Stiffness Tester	02
5.	Tachometer	01
6.	Stroboscope	01
7.	Tearing Strength Tester	01
8.	Packing Hardness Tester	01
9.	Drape Meter	01
10.	Sliver Roving Hank Tester	01
11.	Thermal Conductivity Tester	01
12.	Electronic Warp Reel	01
13.	Air Permeability Tester	01
14.	Abrasion Cum Pilling Tester	01
15.	Yarn Appearance Board	01
16.	Splice Strength Tester	01
17.	Digital Bursting Strength Tester	01
18.	Single Yarn Twist Tester	01
19.	Count Tester	01
20.	Checkmate Fabric Inspection	01
21.	Gray Scale (AATCC For Staining)	01
22.	Xenon Light Fastness Tester	01
23.	Gray Scale SDC For Change In Colour	01
24.	Gray Scale SDC For Staining	01
25.	Gray Scale	01
26.	Warp Reel Manual	01
27.	Digital Pilling Tester	01
28.	Pilling Photograph	01
29.	Double Yarn Twist Tester	01

30.	Universal Strength Tester	01
31.	Hairiness Tester	01
32.	Evenness Tester	01
33.	Spray Tester	01
34.	Flame Retardant Tester	01

Textile Chemical Processing Lab

S. No	Name of Instruments	Quantity
1	Laboratory Jigger M/C	01
2	Laboratory Winch Dyeing M/C	01
3	Lab Padding Mangle	01
4	Colour Matching Cabinet	01
5	Lab Conditioning Chamber	01
6	Water Bath	01
7	Open Bath Beaker Dyeing M/C	01
8	Crock Meter	01
9	Dye Vessel	01
10	Dye Bath Cover	01
11	Dye Bath Tumble	01
12	Stirrer	01
13	Magnetic Stirrer	05
14	Steel Filter	01
15	Steam Iron	01
16	UV Visible Spectrophotometer	01
17	Washing Fastness Tester	01
18	High Temp High Pressure Beaker Dyeing M/C	01
19	Soft Over Flow Dyeing M/C	01
20	Infra Colour Dyeing M/C	01
21	Laboratory Dyeing M/C	01
22	Laboratory Garment Dyeing M/C	01
23	Weighing Balance For TCP Lab	02
24	Laboratory Steamer With Curing &Setting	01
25	Laboratory Steamer With Super Heater	01

Knitting Laboratory

S. No	Name of Instruments	Quantity
1	Flat Bed Knitting Machine	01

2	Circular Knitting Machine (Interlock)	01
3	Socks Knitting Machine	01
4	Fleece Single Circular Knitting Machine	01
5	Circular Knitting Machine 4" Dia	01
6	Circular Sinker Body Knitting Machine	01

Garment Manufacturing Laboratory

S. No	Name of Instruments	Quantity
1	Vacuum And Blowing Ironing Table	01
2	Double Needle Lock Stitch Sewing Machine	01
3	Single Head Six Needle Computerized Embroidery Machine	01
4	Multi Head Computerized Embroidery Machine	01
5	Straight Knife Fabric Cutting Machine	01
6	Band Knife Fabric Cutting Machine	01
7	Male Mannequin	01
8	Female Mannequin	01
9	Buttonhole Sewing Machine	01

Textile Designing Laboratory

S. No	Name of Instruments	Quantity
1	Electronic Twist Tester	01
2	Computerized Balance	01

3	GSM Cutter With Reader	01
4	Count Tester	01
5	Crimp Tester	01
6	Pick Counting Glass	01
7	Sample Cutter	01
8	Computer (Proposed)	32
9	REACH Fashion Studio Software For Designing (Proposed)	01

Textile Fibre Laboratory

S. No	Name of Instruments	Quantity
1	Micronaire Tester	01
2	Digital Projection Microscope	01
3	Hygrometer	01
4	Electronic Fibre Fineness Tester	01
5	Hot Air Oven	01
6	Bear Sorter	01
7	Weighing Balance	01