

## 10. RESOURCE REQUIREMENT

### 10.1 Physical Resources

#### 10.1.1 Space Requirement

The total space for lecture halls, tutorial rooms and drawing hall/studio may be worked out as per latest AICTE norms

#### 10.1.2 Equipment Requirement

Sr. No.	Details of Equipment	Qty	Tentative cost per unit
<b>A) DRAFTING AND PATTERN MAKING WORKSHOP</b>			
1.	Drafting tables (2.5 X 1.5 x 1mt) with cork boards	12	7,000
2.	Drafting squares (Graduated)	06	1,000
3.	Full size mirror – 6 ft. x 4 ft.	LS	8,000
4.	Scissors 5", 9", 12" (blade size)	2 each	100
5.	Pattern punching machine	01	1,200
6.	Dummies	16	8,000
	Children (size 4) =	1	
	Ladies (size 10) =	5 (3 with sleeve, 2 without sleeve)	
	(size 12) =	5 (3 with sleeve, 2 without sleeve)	
	(size 14) =	2 (1 with sleeve, 1 without sleeve)	
	(size 16) =	2 (1 with sleeve, 1 without sleeve)	
7.	Pinking shears 10" blade	06	1,200
8.	Miscellaneous equipment: Tailors art curves, measuring tapes, meter scales, thimbles, tracing wheel, readymade patterns, puncher notcher	6 Sets	10,000
9.	Steam Iron with 1 boiler	2	25,000

Sr. No.	Details of Equipment	Qty	Tentative cost per unit
<b>B) CONSTRUCTION LABORATORY</b>			
1.	Sewing Machine (Industrial Machines) (Juki/Brother make)	15	25,000
2.	Cutting Tables with felt top (2.5 x 1.5 x 1 mt)	04	8,000
3.	Over lock machine: (Juki/Brother) Motorized 5 Thread	02	1,20,000
4.	Ironing boards and sleeve boards	02 each	10,000
5.	Flat Lock (Juki/Brother)	01	15,000
<b>C) INDUSTRIAL MACHINE WORKSHOP</b>			
1.	Button Hole Machine (Motorized)	01	1,25,000
2.	Eyelet Button Hole Machine	01	2,00,000
3.	Button Stitch Machine	01	1,00,000
4.	Double needle lock stitch machine	01	80,000
5.	Steam Iron with Boiler (work station)	02	50,000
6.	Electric cutter (Straight knife 8" blade, round Blade) Eastman	01	80,000
7.	Flat bed – Fusing machine	01	1,00,000
8.	Notcher	01	10,000
9.	Rivet Attaching Machine	01	10,000
10.	Drilling Machine	01	11,000
11.	Manual Spreading machine	01	22,000
<b>D) COMPUTER LABORATORY</b>			
1.	PC Computer	30	40,000
2.	Laser Printer	01	15,000

Sr. No.	Details of Equipment	Qty	Tentative cost per unit
3.	Software: Windows, MS Office, latest version Coral Draw, Adobe Photoshop	LS	3,00,000
*	A printer sharing unit may be used to switch the printer between computers		
<b>E)</b>	<b>CAD LABORATORY</b>		
	Set of digitizer and scanner		
	Software: Lectra/GGT/Tuka technology and any other available software (purchase any one) (Technical Institutes are given special concession for purchase of certain software as these are used for training purpose)		7.00.000
<b>F)</b>	<b>TEXTILE TESTING LABORATORY</b>		
1.	Projection Microscope (Magnification upto 1500 times)	02	30,000
2.	Magnifying Glass (Mounted in stainless steel with handle)	15	2,000
3.	Spirit Lamps (125 ml)	15	2,000
4.	Basin	6	200
5.	Pick Counting Glass (1" x 1/2" x 1/4")	20	500
6.	Electronic Weighing Balance (0.001-200 gm) (Electronic)	01	2,000
7.	Crockometer	01	5,000
8.	Miscellaneous Items for Testing and Analysis (Test tubes, Test tube holders, Test tube stands, Wooden spoons, Enamel Bowls, Tube, Buckets, Chemicals, Graph Papers, Samples of different fabrics and Yarn of different types)	LS	10,000
9.	Water Bath	01	5,000
10.	Laundrometer	01	20,000

Sr. No.	Details of Equipment	Qty	Tentative cost per unit
11.	Grey Scale Set	01	11,500
12.	Printing Table	02	6,000
13.	Blocks (Printing)	25	5,000
14.	Spectrometer	01	10,000
15.	Fabric Inspection Table	01	10,000

## **10.2 Human Resource Requirement**

Weekly work schedule, annual work schedule, student-teacher ratio for various group and class size, staffing pattern, work load norms, qualifications, experience and job description of teaching staff, workshop staff and other administrative staff may be worked out as per norms and standards laid down by AICTE.