

9. RESOURCE REQUIREMENT

9.1 Physical Resources

9.1.1 Space Requirement

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

9.1.2 Equipment Requirement

Sr. No.	Details of Equipment	Qty	Tentative cost per unit
A) DRAFTING AND PATTERN MAKING WORKSHOP			
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) CONSTRUCTION LABORATORY			
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
C) INDUSTRIAL MACHINE WORKSHOP			
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
D) COMPUTER LABORATORY			
1.	PC Computer	30	40,000
2.	Laser Printer	01	15,000

Sr. No.	Details of Equipment	Qty	Tentative cost per unit
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3.	Software: Windows, MS Office, latest version Coral Draw, Adobe Photoshop	LS	3,00,000
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* A printer sharing unit may be used to switch the printer between computers

E) CAD LABORATORY

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

F) TEXTILE TESTING LABORATORY

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

9.2 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

Following are the qualifications and experience suggested for the teaching faculty and technical staff

Qualification	Experience
<u>Lecturer</u>	
First Class Post Graduate/Graduate Diploma in Garment Manufacturing/Fashion Design of NIFT/NID/ NIIFT or equivalent	One year experience
OR	
First Class Graduate with Diploma in Garment Technology or Fashion Design/Technology or equivalent	2 years experience in the relevant field
OR	
First Class three year Diploma in Garment Technology or Fashion Design/Technology or equivalent	5 years experience in relevant field
OR	
First Class Post Graduate Degree (M.Sc.) in Clothing and Textiles or equivalent	2 years experience in relevant field

<p><u>Sr.Lecturer</u></p> <p>First Class Post Graduate/Graduate Diploma in Garment Manufacturing/Fashion Design of NIFT/NID/NIIFT or equivalent</p> <p style="text-align: center;">OR</p> <p>First Class Graduate with Diploma in Garment Technology or Fashion Design/Technology or equivalent</p> <p style="text-align: center;">OR</p> <p>First Class three year Diploma in Garment Technology or Fashion Design/Technology or equivalent</p> <p style="text-align: center;">OR</p> <p>First Class Post Graduate in Clothing and Textile or equivalent</p>	<p>5 years experience in teaching/industry/research at the level of Lecturer or equivalent</p>
<p><u>Head of Department</u></p> <p>First Class Post Graduate/Graduate Diploma in Garment Manufacturing/Fashion Design of NIFT/NID/NIIFT or equivalent</p> <p style="text-align: center;">OR</p> <p>First Class Graduate with Diploma in Garment Technology or Fashion Design/Technology or equivalent</p> <p style="text-align: center;">OR</p> <p>First Class three year Diploma in Garment Technology or Fashion Design/Technology or equivalent</p> <p style="text-align: center;">OR</p> <p>MBA/MSc (Clothing and Textile)/Post Graduate Diploma in Garment Technology or equivalent</p> <p><u>Technician</u></p> <p>3 years Diploma in Garment Technology or Fashion Design/Technology or equivalent</p>	<p>5 years experience in teaching/industry/research at the level of Lecturer or equivalent</p> <p>2 years industrial experience</p>

10. RECOMMENDATIONS FOR EFFECTIVE IMPLEMENTATION OF CURRICULUM

The following recommendations are made for effective implementation of this curriculum.

- a) While imparting instructions, stress should be laid on the development of practical skills in the students. For this purpose, as far as possible, classes should be conducted in the laboratories itself.
- b) Industrial/field visits be organised as and when required to clarify the concepts, principles and practices involved. For this purpose, time has already been provided in student centred activities
- c) Extension lectures from professionals should be organized to impart instructions in specialized areas
- d) There is no need of purchasing very costly equipment. Efforts may be made to establish linkages with local industry
- e) Teachers should generate competitiveness among the students for the development of professional skills.
- f) Hobby clubs and other co-curricular activities be promoted to develop creativity in the students
- g) Students should be given well thought out project assignments. This can help students in developing creativity and confidence in them for gainful employment (wage and self)
- h) A **project bank** should be developed by the fashion design department in consultation with fashion industry.
- i) For all practical subjects, the teacher should develop master samples
- j) The teachers should encourage students to do market survey, industrial/field visits, exposure to fashion shows, exhibition etc
- k) The teachers should be given extensive training in the use of computers