

ONE YEAR CERTIFICATE COURSE IN FASHION AND APPAREL TECHNOLOGY

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1. GENERAL INFORMATION

2. Name of trade : Fashion & Apparel Technology

3. Duration : 1 year

4. Entry qualification : 10th pass

5. Power norm : 8 kW

6. Space norm :

Class room: 65 sq. m

Sewing Lab: 120 sq. m

Computer lab: 65 sq. m

Drafting lab : 65 sq. m

Faculty room : 25 sq. m

7. Faculty/ Instructor's qualification :

Academic: 12th pass

Technical: Degree (4 yr) in Fashion and/ or Apparel Technology/ Fashion and Apparel Engineering from any recognised university with ONE year working experience in Fashion Design/ Apparel Manufacturing

OR

Academic: 10th pass

Technical: Three year degree/ diploma in Fashion Designing/ Technology/ CDDM from a recognised Board/ Institution/ Polytechnic (AICTE approved with three year experience in Fashion Design and Technology

8. No. of Faculty required: Two (2)

9. Artisan's qualification: Academic: 8th pass

Technical: Minimum 5 year experience in Fashion Design/ Apparel Manufacturing/ Tailoring and will be able to carry out all the operations associated with apparel manufacturing independently. Also S/he will be able to carry out minor repairs in the equipment and instruments.

10. No. of Artisans required : Two (2)

2. SALIENT FEATURES OF THE PROGRAMME

1	Sector	Apparel manufacturing & Tailoring
2	Name of the certificate programme	Fashion and Apparel Technology
3	Entry qualification	Matriculation or equivalent NSQF level as prescribed by MRSPTU, Bathinda.
4	Duration of programme	Twelve (12) months
5	Intake	30
6	Pattern of programme	Semester pattern
7	NSQF level	Level III
8	Ratio of theory & practice	25:75

3. STUDY & EVALUATION SCHEME FOR CERTIFICATE PROGRAMME IN FASHION AND APPAREL TECHNOLOGY FIRST SEMESTER

Code	Units	Study Scheme Total Hrs		Credits	Marks Evaluation Scheme								Total Marks
		Th	Pr		Internal Assessment			External Assessment					
					Th	Pr	Total	Th	Hrs	Pr	Hrs	Total	
CFAT-101	*Communication Skills	8	-	1	25	-	25	25	1	-	-	25	50
CFAT-101P	*Communication Skills Lab.	-	24	1	-	25	25	-	-	50	3	50	75
CFAT-102	Fundamentals of Fabrics & Preparation for Cutting	24	-	1	25	-	25	50	2			50	75
CFAT-102P	Fundamentals of Fabrics & Preparation for Cutting Lab.	-	64	2	-	50	50	-	-	100	4	100	150
CFAT-103	Sewing Machines – Basics & Overlock with Aids	32	-	2	25	-	25	50	2	-	-	50	75
CFAT-103P	Sewing Machines – Basics & Overlock with Aids Lab.	-	96	2	-	50	50	-	-	100	4	100	150
CFAT-104	Variety of Techniques in Garment Making	32	-	2	25		25	25	2	-	-	25	50
CFAT-104P	Variety of Techniques in Garment Making Lab.	-	124	4	-	75	75	-	-	100	4	100	175
CFAT-105	Trims - Application in Garments and Sample Making	16	-	2	25	-	25	50	2	-	-	50	75
CFAT-105P	Trims - Application in Garments and Sample Making Lab.	-	92	4	-	75	75	-	-	100	4	100	175
CFAT-106P	#Student Centre Activity		48	2	-	25	25	-	-	-	-	-	25
CFAT-107P	+ 4 – Week Industrial Training at the end of Semester	-	-	4	-	-	-	-	-	100	3	100	100
TOTAL		112	448	26	150	300	450	225	-	550	-	775	1175

*Common with other certificate programmes.

SCA will comprise of co-curricular activities like extension lectures on entrepreneurship, energy conservation, environment, sports, hobby club, such as, photography, etc., seminars, declamation contest, educational field visits, NCC, NSS, cultural activities, etc.

+ **Industrial Training**

Before completion of the semester, the students will go for training in a relevant industry/ field organisation for a minimum period of 4 weeks and prepare a diary. The student will prepare a report at the end of training. This report will be evaluated by the concerned instructor in the presence of one industry representative from the relevant trade/ field.

Total weeks per semester: 16, Total working days per week: 5, Total hours per day: 7

Total hours in a semester: $16 \times 5 \times 7 = 560$

One credit is defined as one hour of lecture per week or two hours of practical per week in the programme.

SECOND SEMESTER

Code	Units	Study Scheme Total Hrs		Credits	Marks Evaluation Scheme								Total Marks
		Th	Pr		Internal Assessment			External Assessment					
					Th	Pr	Total	Th	Hrs	Pr	Hrs	Total	
CFAT-208	Human figures and Body Measurements	16	-	2	25	-	25	50	2	-	-	50	75
CFAT-208P	Human figures and Body Measurements Lab.	-	24	1	-	50	50	-	-	100	3	100	150
CFAT-209	Pattern Making and Drafting	32	-	2	25	-	25	50	2	-	-	50	75
CFAT-209P	Pattern Making and Drafting Lab.	-	72	3	-	50	50	-	-	100	4	100	150
CFAT-210	Cutting, Sewing and Finishing of Simple Garments	24	-	2	25	-	25	50	2	-	-	50	75
CFAT-210P	Cutting, Sewing and Finishing of Simple Garments Lab.	-	64	2	-	50	50	-	-	100	4	100	150
CFAT-211	Making of Ladies' Wear	24	-	2	25	-	25	50	2	-	-	50	75
CFAT-211P	Making of Ladies' Wear Lab.	-	64	2	-	50	50	-	-	100	4	100	150
CFAT-212	Making of Kids' Wear	16	-	1	25	-	25	50	2	-	-	50	75
CFAT-212P	Making of Kids' Wear Lab.	-	48	2	-	50	50	-	-	100	4	100	150
CFAT-213	Making of Gents' Wear	16	-	1	25	-	25	50	2	-	-	50	75
CFAT-213P	Making of Gents' Wear Lab.	-	48	2	-	50	50	-	-	100	4	100	150
CFAT-214	Apparel inspection and Finishing	16	-	1	25	-	25	50	2			50	75
CFAT-214P	Apparel inspection and Finishing Lab.	-	48	1	-	50	50	-	-	100	4	100	150
CFAT-215P	#Student Centre Activity	-	48	2	-	25	25	-	-	-	-	-	25
CFAT-216P	+ 2- week industrial training at the end of semester	-	-	2	-	-	-	-	-	100	3	100	100
TOTAL		144	416	28	175	375	550	225	---	800	-	775	1700

SCA will comprise of co-curricular activities like extension lectures on entrepreneurship, energy conservation, environment, sports, hobby club, such as, photography, etc., seminars, declamation contest, educational field visits, NCC, NSS, cultural activities, etc.

+ **Industrial Training**

Before completion of the semester, the students will go for training in a relevant industry/ field organisation for a minimum period of 4 weeks and prepare a diary. The student will prepare a report at the end of training. This report will be evaluated by the concerned instructor in the presence of one industry representative from the relevant trade/ field.

Total weeks per semester: 16, Total working days per week: 5, Total hours per day: 7

Total hours in a semester: $16 \times 5 \times 7 = 560$

4. GUIDELINES FOR ASSESSMENT OF STUDENT CENTRED ACTIVITIES (SCA)

The maximum marks for SCA should be 25. The marks may be distributed as follows:-

- i) 5 marks for general behaviour and discipline
(by Principal or HOD in consultation with the instructor(s)/ trainers)
- ii) 5 marks for attendance as per following
(by the faculty/ instructors/ trainers of the department)
 - a) Up to 75% Nil
 - b) 75% to 80% 02 marks
 - c) 80% to 85% 03 marks
 - d) Above 85% 05 marks
- iii) 15 marks maximum for sports/ NCC/ NSS/ Cultural/ Co-curricular activities as per following:
(by In-charge of Sports/ Cultural/ NCC/ NSS/ Co-curricular activities)
 - 15 marks - for National level participation or inter-university competition
 - 10 marks - participation any two of the activities
 - 05 marks - participation at the internal sports of the institute/ college/ university

Note: There should be no marks for attendance in the internal sessional of different subjects.

5. Job Role and Job opportunities of a Fashion and Apparel Technologist Job Role

A fashion and apparel technologist is expected to perform following job roles in industry

- Design the garment on hard and soft copy
- Recognise the fabric materials and fabric types
- Understand the grains, pile directions
- Carry out accurate marking and measurements and cut the fabrics accordingly
- Set the sewing machine that will be used
- Methodically stitch the garments taking proper care of the design and measurements
- Use proper stitches and seams
- Add accessories and embellishments properly
- Possess the concept of overall balance in the design of the garment
- Correctly sew/ join the cut components without distortions
- Mend the garment after manufacturing
- Possess basic concept of the quality of the garment.

Job opportunities

The clothing and garment making is the basic requirement of human civilisation and exists from the beginning of civilisation. Manufacturing of apparel is not restricted to tailors who are seen at every village and nooks of towns. Apparel manufacturing units are spread across the length and breadth of the country. An apparel technologist can find employment in any of the micro, small or large tailoring or garment making establishments.

Another feature of this trade is self-employment or entrepreneurship. A properly trained person can set up his own establishment as the requirement of finance and space is not very high. However, since this trade is widely prevalent, the entrepreneur should have adequate technical and communication skill to survive in the competition.

6. DETAILED CONTENT OF THE PROGRAMME

FIRST SEMESTER

UNIT-1.1 SUBJECT CODE: CFAT-101 COMMUNICATION SKILLS	
LEARNING OUTCOMES: After undergoing this unit the students should be able to <ul style="list-style-type: none"> • Speak confidently • Overcome communication barriers • Write legibly and effectively • Listen in proper perspective • Read various genres adopting different reading techniques • Respond to telephone calls effectively 	
Practical	24 hrs
Theory	8 hrs
	Basic communication <ul style="list-style-type: none"> • Process of communication • Types of communication – formal and informal, oral and written, verbal and non-verbal
Looking up words in dictionary (meaning and pronunciation)	Functional grammar and vocabulary <ul style="list-style-type: none"> • Parts of speech • Tenses • Correction of incorrect sentences
<ul style="list-style-type: none"> • Self and peer introduction • Greetings for different occasions 	Listening <ul style="list-style-type: none"> • Meaning and process of listening • Importance of listening • Methods to improve listening skills Speaking <ul style="list-style-type: none"> • Importance • Methods to improve speaking • Manners and etiquettes

Newspaper reading	<p>Reading</p> <ul style="list-style-type: none"> • Meaning • Technique of reading – skimming, scanning, intensive and extensive reading
<ul style="list-style-type: none"> • Vocabulary enrichment and grammar exercises • Exercises on sentence framing accuracy 	<p>Functional vocabulary</p> <ul style="list-style-type: none"> • One word substitution • Commonly used words which are often misspelt • Punctuation • Idioms and phrases
<ul style="list-style-type: none"> • Reading aloud articles and essays on current and social issues • Comprehension of short paragraph 	
<ul style="list-style-type: none"> • Write short technical report • Letter writing 	
<ul style="list-style-type: none"> • Participate in oral discussion • Respond to telephonic calls effectively • Mock interview 	

Means of assessment

- Assignment and quiz/ class test
- Mid-term and end term written tests
- Laboratory and practical work
- Viva voce

UNIT-1.2
SUBJECT CODE: CFAT-102
FUNDAMENTALS OF FABRICS & PREPARATION FOR CUTTING

LEARNING OUTCOMES:

After undergoing study of this unit the students will be able to

- Correctly and safely handle different tools
- Identify different types of fabrics and the weaves
- Carry out proper measurements
- Accurately cut the fabrics

Practicals	64 hrs	Theory	24 hrs
<ul style="list-style-type: none"> • Familiarisation of the Institute • Familiarisation with handling of tools • Safety precautions while handling the tools • Identification of fabrics & texture • Handling of fabrics • Collection of different fabric samples with basic weaves • Preparation of fabrics for cutting • Recognition of fabric grain, selvedge and straightening of grains 		<ul style="list-style-type: none"> • Trade related tools, their importance, usage and their safety:- Measuring tools, drafting tools, marking tools, cutting tools, sewing tools, finishing tools • Fabric fundamentals like brief idea about fibres, types of fabrics, selection of needles and threads according to fabric types • Broken needle policy • Fabric preparation for cutting: fabric grains, selvedge, shrinkage and straightening of selvedge • Measurements- Units and Measuring techniques. 	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-1.3
SUBJECT CODE: CFAT-103
SEWING MACHINES – BASICS AND OVERLOCK WITH AIDS

Learning outcomes

After undergoing the study of this unit the students will be able to

- Recognise and understand the functions of critical machine parts in a single needle lock stitch machine and overlock machine
- Set up machines with different threads and fabrics
- Operate the machines correctly
- Understand the faults in machine operation
- Carry out basic maintenance work

Practicals	96 hrs	Theory	32 hrs
Practice on industrial single needle lock stitch machine:	<ul style="list-style-type: none"> • Ergonomic principle of seating on lock stitch machine • Speed control • Practice on paper • Threading on machine • Bobbin winding and loading • Practice on machine • Running on straight line, square, zig-zag line, circles, semi-circle and spiral 	Basic sewing machine:	<ul style="list-style-type: none"> • Parts and function • Machine needle • Stitch formation • Sewing machine practice • Care and maintenance • Trouble shooting • Types of industrial sewing machines
Practice on overlock machine:	<ul style="list-style-type: none"> • Threading • Running • Minor adjustments 	Over lock machine	<ul style="list-style-type: none"> • Parts and functions • Machine practice • Care and maintenance • Trouble shooting
Practice of making seams	<ul style="list-style-type: none"> • Plain seam (straight & curved) with seam finishes • Self enclosed seam • Top stitched seam • Corded seam 	Basic garment analysis	Seams
		<ul style="list-style-type: none"> • Classification • Uses • Properties • Seam finishes 	

<ul style="list-style-type: none">• Decorative seam Practice with sewing aids.	Sewing aids: <ul style="list-style-type: none">• Presser foot• Folders• Guides
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Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-1.4
SUBJECT CODE: CFAT-104
VARIETY OF TECHNIQUES IN GARMENT MAKING

Learning outcome:

After going through this unit the students will be able to Make different components of garment

- Use proper needles and threads
- Efficiently use hand stitches
- Correctly make variations in garment decoration

Practicals	124 hrs	Theory	32 hrs
Making samples of: <ul style="list-style-type: none"> • Darts • Pleats 		Introducing Fullness <ul style="list-style-type: none"> • Darts – Necessity, types and precaution during stitching • Pleats – necessity, types and uses 	
Making samples of <ul style="list-style-type: none"> • Tucks • Gathers and shirrs • Frills 		Introducing Fullness <ul style="list-style-type: none"> • Tucks – Types and uses • Gathering and shirring • Flare • Ruffles/ frills – types (straight and circular) and uses 	
Practice of hand stitch making and making of simple samples with hand stitch		Hand stitches <ul style="list-style-type: none"> • Hand needles – size and type • Sewing thread • Types and application of hand stitches 	
Making samples of <ul style="list-style-type: none"> • Faced Hem • Edge stitched Hem • Double stitch hem • Band hem • Ease in hem • Mitered hem Practice of corner making <ul style="list-style-type: none"> • Self-turned • With additional strip 		Study of Hems – <ul style="list-style-type: none"> • Types and uses Corner making <ul style="list-style-type: none"> • Types and uses 	

<p>Making samples of</p> <ul style="list-style-type: none"> • Casing & draw string • Casing with elastic • Casing with heading • Inside applied casing • Outside applied casing 	<p>Study of casing</p> <ul style="list-style-type: none"> • Introduction and uses
<p>Making samples of edge finishing</p> <ul style="list-style-type: none"> • Biased facing • Combination shaped facing • Outside shaped facing • Shaped facing • Self facing • Binding • Piping 	<p>Edge finishing</p> <ul style="list-style-type: none"> • Facings • Bindings • Piping
<p>Making samples of different shaped necklines</p>	<p>Necklines</p> <ul style="list-style-type: none"> • Different shapes of necklines
<p>Making of samples of plackets</p> <ul style="list-style-type: none"> • Faced plackets • Continuous placket • One piece placket • Two piece placket • Two piece placket with pleat • Zippered placket – Lapped, Fly front, Open end, Visible, Invisible. 	<p>Plackets</p> <ul style="list-style-type: none"> • Types • Sample making
<p>Making samples of different pockets</p> <ul style="list-style-type: none"> • Patch • Inseam • Cut/ slash 	<p>Pockets</p> <ul style="list-style-type: none"> • Types • Design variation
<p>Samples of making collars</p>	<p>Collars</p>

	<ul style="list-style-type: none"> • Classifications • Collar terms
Samples of making sleeves with and without cuff	Sleeves <ul style="list-style-type: none"> • Classification • Sleeve length variation

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-1.5
SUBJECT CODE: CFAT-105
TRIMS - APPLICATION IN GARMENTS AND SAMPLE MAKING

Learning Outcomes

After undergoing study of this unit the students will be able to

- Recognise the variety in fasteners
- Properly fix the fasteners in the garment
- Prepare draft and pattern for ladies' suits
- Make the complete suit.

Practical	92 hrs	Theory	16 hrs
Practice of fixing fasteners, such as buttons, hooks, eyes and press studs. Practice of making button holes by hand. Practice of darning and patching. Stitching of complete ladies' suits after drafting and developing patterns.		Trimmings <ul style="list-style-type: none"> • Types • Applications • Fixing of buttons, hooks, etc. • Making of button holes Mending <ul style="list-style-type: none"> • Darning • Patching Drafting and developing patterns for ladies' suits.	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

SECOND SEMESTER

UNIT-2.1 SUBJECT CODE: CFAT-208 HUMAN FIGURES AND BODY MEASUREMENTS	
Learning Outcomes After undergoing study of this unit, the students will be able to <ul style="list-style-type: none"> • Take proper body measurements • Understand the fine points in taking measurements • Understand the nuances of size charts and differences in various size charts 	
Practical	24 hours
Theory	16 hours
Revision work done in Semester I Practice of taking body measurements	Human figures <ul style="list-style-type: none"> • Eight head theory • Brief introduction about joints and muscles Types of figures in body measurements & its importance <ul style="list-style-type: none"> • Types of measuring techniques and precautions • Size charts (national and international) for children, gents and ladies' wear • Importance of size charts

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-2.2	
SUBJECT CODE: CFAT-209	
PATTERN MAKING AND DRAFTING	
Learning outcome	
After undergoing this unit, the students will be able to	
<ul style="list-style-type: none"> • Recognise different patterns • Make lay plan methodically using patterns of a garment • Carry out proper drafting of patterns 	
Practical	72 hours
Practice of different types of spreading using different types of fabrics Practice of different types of layout using the given pattern Generation of patterns using an appropriate software Designing of apparel using a design software	
Theory	
32 hours	
Patterns <ul style="list-style-type: none"> • Importance and types Spreading <ul style="list-style-type: none"> • Types of spreading • Methods • Types of lay pattern layout and their importance Drafting <ul style="list-style-type: none"> • Principles of drafting pattern • Terminology Use of computer for apparel designing <ul style="list-style-type: none"> • Concept of computer designing and its benefits • Terminology in computer designing 	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-2.3	
SUBJECT CODE: CFAT-210	
CUTTING, SEWING AND FINISHING OF SIMPLE GARMENTS	
Learning outcomes	
After undergoing this unit the students will be able to	
<ul style="list-style-type: none"> • Sketch and draft a saree petticoat • Estimate the quantity of fabric required for saree petticoat • Carry out operations of cutting, sewing, pressing and folding of saree petticoat 	
Practical	64 hours
Pattern making, fabric estimation, cutting , sewing, pressing and folding of Saree petticoat	
Theory	24 hours
Pressing <ul style="list-style-type: none"> • Tools • Methods Importance of pressing Trial Room <ul style="list-style-type: none"> • Necessity • Specification Sketching and drafting of saree petticoat	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-2.4
SUBJECT CODE: CFAT-211
MAKING OF LADIES' WEAR

Learning outcome

After undergoing this unit the students will be able to

- Sketching and drafting of ladies' wear like tops, short kurties, suits, night wear and blouse
- Carry out fabric estimation, cutting, sewing, pressing and folding of above garments
- Check the fitting of garments

Practical	64 hours	Theory	24 hours
Pattern making, Fabric estimation, cutting, sewing, pressing and folding of following garments with design variation: <ul style="list-style-type: none"> • Ladies' top, short kurties • Ladies' suit • Night wear (one piece/ two piece) • Blouse Checking the fitting of garments		Sketching and drafting of following garments <ul style="list-style-type: none"> • Ladies' top, short kurties • Ladies' suit • Night wear (one piece/ two piece) • Blouse 	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-2.5
SUBJECT CODE: CFAT-212
MAKING OF KIDS' WEAR

Learning outcomes

After undergoing this unit the students will be able to

- Sketching and drafting of various dresses for new born, toddlers and kids
- Carry out fabric estimation, cutting, sewing, pressing and folding of garments to be made
- Check the fitting of garments

Practical	Theory
48 hours	16 hours
<p>Kidswear Pattern making using adaptation technique, Fabric Estimation, Cutting, sewing, pressing and folding of following garments with design variations:</p> <ul style="list-style-type: none"> • Dresses for new born • Dresses for toddlers • Dresses for kids <p>Checking the fitting of garments</p>	<p>Sketching and drafting of following garments:</p> <ul style="list-style-type: none"> • Dresses for new born • Dresses for toddlers • Dresses for kids

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-2.6
SUBJECT CODE: CFAT-213
MAKING OF GENTS' WEAR

Learning outcomes

After undergoing this unit the students will be able to

- Sketching and drafting of gents' garments like kurta and pyjama and casual shirts and trousers
- Carry out fabric estimation, cutting, sewing, pressing and folding of above garments
- Check the fitting of garments

Practical	48 hours	Theory	16 hours
<p>Gents wear Pattern making, Fabric estimation, cutting, sewing, pressing and folding of following garments with design variation:</p> <ul style="list-style-type: none"> • Kurta & Pyjama • Casual Shirts and Trousers <p>Checking & fitting of the garments</p>		<p>Gents wear Pattern making, Fabric estimation, cutting, sewing, pressing and folding of following garments with design variation:</p> <ul style="list-style-type: none"> • Kurta & Pyjama • Casual Shirts and Trousers <p>Checking & fitting of the garments</p>	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

UNIT-2.7
SUBJECT CODE: CFAT-214
APPAREL INSPECTION AND FINISHING

Learning outcomes

After undergoing this unit the students will be able to

- Recognise and remove stains correctly
- Inspect the garments for all the defects
- Adopt corrective measures to remove the defects

Practical	48 hours	Theory	16 hours
Methods of removing different kinds of stains in the fabrics Checking of garments with respect of <ul style="list-style-type: none"> • Measurements • Stitching • Stains • Defects • Corrective measures 		Laundry – its purpose and methods Stains <ul style="list-style-type: none"> • Classification • Removing techniques Quality Control <ul style="list-style-type: none"> • Definition, Needs & Planning • Types of inspection • Stages of inspection Role of Quality Controller	

Means of assessment

- Assignment and quiz/ class tests
- Mid-term and end-term written tests
- Viva – voce
- Practical work

7. RESOURCE REQUIREMENTS

LIST OF TOOLS AND EQUIPMENT

A. Lab equipment and tools

Sr no.	Name of Item	Quantity	Approx. Price/ piece (Rs)	Amount (Rs)
1.	Measuring tape 150 cm	30	20	600
2.	Seam Ripper	30	20	600
3.	Thimble	30	25	750
4.	Tailor's card scale triangular	30	05	150
5.	Tailor's square - plastic	30	35	1050
6.	French curve set of three	30 sets	20	600
7.	Thread cutter	30	25	750
8.	Scale (plastic) 24 inch	30	25	750
9.	Scissors – 25cm	30	250	7,500
10.	Pinking shears	5	250	1,250
11.	Leg shaper - plastic	30	150	4,500
12.	Garment Hangers	30	30	900
13.	Screw driver set	4	250	1,000
14.	Table sharpener	4	45	180
15.	Pressing table	5	2000	10,000
16.	Blanket for pressing	5	500	2,500
17.	Sprayer	5	50	250
18.	Waste bin	10	100	1,000
19.	Pattern punch	5	100	500
20.	Pattern notcher	5	80	400
21.	Pattern hanging stand10	4	1000	4,000
22.	Water tub	1	200	200
23.	Stand for hanging dresses	5	1000	5,000

24.	Trial room with 3 side mirrors of size 150cm x 60cm each and arrangement for hanging dresse	1	5000	5,000
25.	Electric automatic steam press	5	2000	10,000
26.	Sewing machine – single needle lock stitch industrial model	15	17,500	2,62,500
27.	Over lock machine – three thread	1	15,000	15,000
28.	Zig – zag multipurpose machine	1	35,000	35,000
29.	Double needle machine	1	35,000	35,000
30.	Button hole machine	1	1,00,000	1,00,000
31.	Button sewing machine	1	1,00,000	1,00,000
32.	Machine attachment	As per requirement	5,000	5,000
33.	Chairs with low back rest or stools for the machines	30 nos.	1,500	45,000
34.	Drafting Tables	10	15,000	1,50,000
35.	Display board covered with glass or acrylic sheet 120cm x 90cm	2	5,000	10,000
36.	Instructor Table	1	3,000	3,000
37.	Instructor chairs	2	6,000	12,000
38.	Steel almirah 195x90x60 cm	2	12,000	24,000
39.	Pigeon hole almirah with 15 lockers and separate locking arrangement for trainees	2	12,000	24,000
40.	Calculator – desk type	1	250	250
41.	White board with accessories	1	11,000	11,000
42.	Dummy lady, men and kids	1 each	8,000	8,000
43.	Desk top computers loaded with Apparel Design software and other standard software	5 nos.	50,000	2,50,000

TOTAL: Rs.11,49,180

Class room furniture

Sr no.	Name of Item	Quantity	Approx. Price/ set or piece (Rs)	Amount (Rs)
1.	Instructor Table & chair	1 set	6,000	6,000
2.	Students' chairs with writing pads	30 nos	1,000	30,000
3	White Board of size 120cm x 90cm	1 no.	5,000	5,000
4.	LCD Projector with screen	1 set	20,000	20,000
5.	Computer table with chairs	5 sets	2,500	12,500
5.	Lap top for instructor with latest (Vista & above) configuration pre- loaded with operating system and MS office package	1 no.	30,000	30,000

TOTAL: Rs.1,03,500

Faculty room furniture

Sr no.	Name of item	Quantity	Approx. Price/ set or piece (Rs)	Amount (Rs)
1	Office Table and chairs	3 sets	7,000	21,000
2	Steel Almirah	3 pieces	12,000	36,000
3	Steel racks	3 pieces	5,000	15,000

TOTAL: Rs.72,000

GRAND Total : Rs. 13,24,680