

## SEMESTER -I

CODE	COURSE TITLE
18CFUC101	FUNDAMENTALS OF APPAREL

Category	CIA	ESE	L	T	P	Credit
Core	25	75	56	4	-	4

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Acquire knowledge on the essential tools in garment construction, seam, seam finishes and hem
CO2	To define, classify and interpret the types of fullness and neck finishes
CO3	To define, categorize, types of plackets and fasteners
CO4	To learn the types of sleeves and yoke and its application
CO5	To explain about the types of collar and placket

### Syllabus

#### UNIT I

**(12 hrs.)**

Essential Tools: Cutting Tools - Measuring Tools - Marking Tools - General Tools - Pressing Tools - Parts and Functions of a Single Needle Machine. Seams and Seam Finishes: Types - Working of Seams and Seam Finishes. Hems – Types, Stitches Used.

#### UNIT II

**(12 hrs.)**

Fullness: Definition - Types - Darts, Tucks, Pleats, Flares and Godets, Gathers and Shirrs, Frills or Ruffles, Flounces. Neck Finishes - Facings – Bias Facing, Shaped Facing and Decorative Facing. Binding –Single Bias Binding, Double Bias Binding.

#### UNIT III

**(12 hrs.)**

Plackets:Definition - Characteristics of a Good Placket - Types – Inconspicuous Plackets and Conspicuous Plackets - Constructing Method of the Same. Fasteners: Conspicuous - Button and Button Holes, Button Loops, Button with Holes, Shank Buttons, Eyelets and Cords. Inconspicuous Buttons - Press Buttons, Hooks and Eyes, Zips.

## UNIT IV

(12 hrs.)

Sleeves: Definition - Types, Set –In – Sleeves- Plain Sleeve, Puff Sleeves, Bishop Sleeve, Bell Sleeve, and Circular. Modified Armhole – Squared Armhole, Cap Sleeve and Magyar Sleeve. Sleeve and Bodice Combined - Raglan, Kimono and Dolman.

**Yokes** – Partial, Midriff yoke, Yoke Supporting Fullness, Yoke Realising Fullness

## UNIT V

(12 hrs.)

Collars: Definition – Types - Peter Pan, Scalloped, Puritan, Sailor, Square, Rippled, Full Shirt Collar, Open Collar, Chinese, Turtle Neck, Shawl Collar.

**Pockets:**Types – Patch Pocket, Bound Pocket, Pocket a Seam, Front Hip Pocket.

### Reference Books

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	Mary Mathews	Practical Clothing Construction- Part I andII	Cosmic Press, Chennai	Reprinted, 2014
2.	Seema Kapoor	Apparel manufacturing technology	Sonali publications, new Delhi	First, 2016
3	Kamal khurana	Draping and pattern making for fashion design	Sonali publications, new Delhi	First, 2012
4	Nancy	501 sewing hints	Oxmoorhouse,USA	First,1995

### Web Resources

<http://www.sewmamasew.com/2008/05/seam-finishes-simplified/>

<https://blog.colettehq.com/tutorials/6-ways-to-finish-the-edge-of-your-hem>

<https://www.textileschool.com/498/types-of-plackets/>

<https://sewguide.com/sleeve-types/>

<https://sewguide.com/different-types-of-pockets/>

### Pedagogy

Lecture, PPT, Assignment, Seminar

## SEMESTER -I

CODE	COURSE TITLE
18CFUCP01	FUNDAMENTALS OF APPAREL – PRACTICAL

Category	CIA	ESE	L	T	P	Credit
Core	20	30	-	-	60	2

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Construct the Seam, Seam Finishes & Hems
CO2	Develop samples for Fullness, Facing & Binding
CO3	Construct samples for Sleeve, Plackets & Fasteners
CO4	Design samples for Yoke and Collar
CO5	Prepare samples for Pocket & Surface Trimmings

### Syllabus

- UNIT I** (12 hrs.)
1. Preparation of Samples for Seams and Seam Finishes. (any four)
  2. Preparation of Samples for Hems. (any two)
- UNIT II** (12 hrs.)
3. Preparation of Samples for Fullness. (any four)
  4. Preparation of Samples for Facings and Binding.(any two)
- UNIT III** (12 hrs.)
5. Preparation of Samples for Plackets and Fasteners. (any four)
  6. Preparation of Samples for Sleeve.(any four)
- UNIT IV** (12 hrs.)
7. Preparation of Samples for Yoke. (any two)
  8. Preparation of Samplesfor Collar.(any two)
- UNIT V** (12 hrs.)
9. Preparation of Samples for Pocket. (any two)
  10. Prepare Samples for Surface Trimmings. (any four)
- A. RicRac

- B. Appliqué
- C. Smocking
- D. Belts
- E. Bows

F. Fringes & Tassels

#### Reference Books

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	Mary Mathews	Practical Clothing Construction - Part I and II	Cosmic Press, Chennai	Reprinted ,2014
2.	Seema Kapoor	Apparel manufacturing technology	Sonali publications, new Delhi	First, 2016
3	Kamal khurana	Draping and pattern making for fashion design	Sonali publications, new Delhi	First, 2012
4	Nancy	501 sewing hints	Oxmoorhouse,USA	First,1995

#### Pedagogy

Demonstration, Application Techniques and Sample Preparation.

## SEMESTER-I

CODE	COURSE TITLE
18CFUCP02	FASHION ILLUSTRATION – PRACTICAL

Category	CIA	ESE	L	T	P	Credit
Core	20	30	-	-	60	2

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Acquire knowledge about fashion sketching
CO2	Illustrate various garment components
CO3	Demonstrate stick figure in different poses
CO4	To understand the techniques for facial features
CO5	Design garment designs on head theory figures

### Syllabus

#### UNIT I

(12 hrs.)

Prepare Sketches for The Following:

1. Different Types of Collars.
2. Different Types of Sleeves
3. Different Types of Necklines

#### UNIT II

(12 hrs.)

4. Different Types of Skirts
5. Different Types of Ladies Tops
6. Different Types of Shirt.

**UNIT III****(12 hrs.)**

7. Different Types of Pant (Half and Full).
8. Different Types of Churidhars

**UNIT IV****(12 hrs.)**

9. Different Types of Accessories – Bags, Footwear, Hats Etc.,
10. Different Types of Ornaments.

**UNIT V****(12 hrs.)**

11. Facial Features – Eyes, Nose, Lips, Ears.
12. Face, Hands, Legs – Different Positions.
13. Lay Figure - 7½ Head.
14. Fashion Figure – 8, 10, 12 Head.

**Reference Books**

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	BinaAbling	Fashion Sketch Book	Fair Child Publication	Fourth,2004
2.	BinaAbling	Advanced Fashion Sketch Book	Fair Child Publication	Reprinted,2005
3.	StevenStipleman	Illustrating Fashion	Fair Child Publication	Reprinted, 2005
4	Patrick John Ireland	Fashion design drawing and presentation	Om books international, new delhi	Reprinted, 2005

**Pedagogy**

PPT, Assignment, Illustration,

## SEMESTER-I

CODE	COURSE TITLE
18CFUA101	PATTERN MAKING AND GRADING

Category	CIA	ESE	L	T	P	Credit
Allied	25	75	57	3	-	5

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Define and classify the patterns and memorize the steps involved in taking body measurement
CO2	Develop patterns using measurements for various garment components.
CO3	Gain knowledge in pattern layout planning and preparation of construction flow for apparel production
CO4	Acquire knowledge on the techniques involved in pattern alteration and grading for various body measurements
CO5	Recognize and identify the fitting problems in the garment

### Syllabus

#### UNIT I

(12 hrs.)

Body Measurements: Importance - Preparing for Measuring - Ladies Measurements - Boys and Men's Measurements. Standardizing Body Measurements – Importance - Techniques Used. Relative Length and Girth Measures in Ladies / Gentlemen.

Preparation Of Fabric For Cutting – Importance of grain in cutting and construction - Steps in preparing the fabric for cutting.

#### UNIT II

(12 hrs.)

Pattern Making: Methods of Pattern Making – (Drafting and Draping), Merits and Demerits. Types of Paper Patterns - Patterns for Personal Measurements and Commercial Patterns. Principles of Pattern Drafting. Pattern Details. Steps in drafting basic bodice front, back and Sleeve.

#### UNIT III

(12 hrs.)

Dart Manipulation: Styles created by shifting of blouse darts - Adding fullness to the bodice,

converting darts to seams and partial yokes and incorporating darts into seams forming yokes.  
 Fitting – Standards of a Good Fit - Steps in Preparing a Blouse for Fitting - Checking the Fit of a Blouse - Solving Fitting Problems in a Blouse - Fitting Techniques.

#### UNIT IV

(12 hrs.)

Pattern Alteration & Grading: Importance of altering patterns - General principles for pattern alteration, Common pattern alteration in a blouse.

Pattern Grading – Definition - Types, Manual – Master Grades, Basic Front, Basic Back, Basic Sleeve, Basic Collar and Basic Grading.

#### UNIT V

(12 hrs.)

Pattern Layout: Definition - Purpose, Rules in layout - Types of Layout (Methods) - Layouts for Lengthwise Striped Designs, Fabric with Bold Designs, Asymmetric Designs, One Way Designs, Concealing the cloth in insufficient. Fabric Cutting - Transferring Pattern Markings - Stay stitching and ease stitching.

#### Reference Books

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	Mary Mathews	Practical Clothing Construction – Part I & II	Cosmic Press, Chennai	Reprinted, 2014
2	Zarapker	Zarapker System of Cutting	K. R, Navneet Publications Ltd, Mumbai	Reprinted, 2012
3	Kamalkhurana	Draping and pattern making for fashion design	Sonali publications, new delhi	First, 2012
4	Gerrycooklin	Pattern grading for men's clothes	Om book services	Second, 2001

#### Web Resources

<https://www.clothingpatterns101.com/body-measurements.html>

<http://textilelearner.blogspot.com/2014/03/garments-pattern-making-methods.html>

<http://isntthatsew.org/dart-manipulation/>

<https://www.clothingpatterns101.com/pattern-grading.html>

<https://www.thesprucecrafts.com/transfer-pattern-markings-types-tools-used-2978447>

#### Pedagogy

Lecture, PPT, Assignment, Group Discussion, Seminar

#### SEMESTER - II



<b>CODE</b>	<b>COURSE TITLE</b>
18CFUC202	PRINCIPLES OF DESIGNING

Category	CIA	ESE	L	T	P	Credit
Core	25	75	41	4	-	4

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
<b>CO1</b>	To understand the basics of design, types of design and, requirement, elements and their classification.
<b>CO2</b>	Apply the design and their principle; apply the principles of design in garment.
<b>CO3</b>	To interpret the color theories and dimension apply the principle of colour in garment design and standardized colour harmonies.
<b>CO4</b>	To be aware of trimming and decoration and its type and classifications.
<b>CO5</b>	Summarize the figure irregularities and their classification, wardrobe planning and how to select according to age group.

### Syllabus

#### UNIT I (9 hrs.)

Design: Definition, Types – Structural and Decorative Design and their Requirements, Elements of Design – Line, Shape, Colour, Size, and Texture.

#### UNIT II (9 hrs.)

Principles of Design: Balance, Rhythm, Emphasis, Harmony and Proportion. Application of Principles of Design in Dress.

#### UNIT III (9 hrs.)

Colour: Definition, Colour Theories – Prang and Munsell Colour System. Dimensions of Colour, Hue, Value and Intensity Standard Colour Harmonies and The Design Principles Applied to Colour In Dress Design.

#### UNIT IV (9 hrs.)

Figure Irregularities: Stout Figure, Thin Figure, Slender Figure, Narrow Shoulders, Broad Shoulders, Round Shoulders, Large Bust, Flat Chest, Large Hip, Large Abdomen, Round Face, Large Face, Small Face and Broad Face, Prominent Chin And Jaw And Prominent Forehead

**UNIT V****(9 hrs.)**

Wardrobe:Wardrobe Planning, Factors to Be Considered While Selecting Clothes for Different Age Groups (Men, Women and Children). Selection of clothing for maternity period, old age, and working women.

**Reference Books**

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	BinaAbling	Fashion Sketch Book	Fair Child Publications, New York	Fourth, 2005
2.	Susheeladantysi	Fundamentals of Textiles and Their Care	Orient Longman Ltd, NewDelhi	Fifth,2002
3.	Heannette A Jarnow ET	Inside Fashion Business	A1, Macmillan Publishing Company, New York	Seventh,2007
4	Karenhemingway	The encyclopedia of stitches	Newholland publishers, london	First, 2004

**Web Resources**

<http://en.wikipedia.org/wiki/Design>

<http://www.slideshare.net/erinsmith.art/principles-of-design-252201>

<http://www.thefreedictionary.com/color>

[http://en.wikipedia.org/wiki/Trim\\_\(sewing\)](http://en.wikipedia.org/wiki/Trim_(sewing))

[http://www.b-u.ac.in/sde\\_book/fashion\\_sew.pdf](http://www.b-u.ac.in/sde_book/fashion_sew.pdf)

**Pedagogy**

Lecture, PPT, Assignment, Seminar,

## SEMESTER - II

CODE	COURSE TITLE
18CFUCP03	PRINCIPLES OF DESIGNING – PRACTICAL

Category	CIA	ESE	L	T	P	Credit
Core	20	30	-	-	45	2

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Acquire knowledge about principles of design in dress
CO2	Apply prang colour chart
CO3	Analyze the standard colour harmonies
CO4	Demonstrate the figure irregularities
CO5	Illustrate different types of facial features

### Syllabus

#### UNIT I

(23 hrs.)

1. Prepare the Samples for The Following
  - a) Application of Principles of Design in Dress Design.
  - b) Prang Colour Chart.
  - c) Value Chart
  - d) Intensity Chart.

Standard Colour Harmonies

#### UNIT II

(22 hrs.)

1. Designing Dresses for Figure Irregularities – Becoming and Unbecoming
  - a) Stout and Thin Figure.
  - b) Narrow Shoulders, Broad Shoulders, Round Shoulders
  - c) Large Bust, Flat Chest
  - d) Large Hip, Large Abdomen

Round Face, Large Face, Small Face, Prominent Chin and Jaw, Prominent Forehead

**Reference Books**

<b>Sl.No.</b>	<b>Author Name</b>	<b>Title of the Book</b>	<b>Publisher</b>	<b>Year and Edition</b>
1.	BinaAbling	Fashion Sketch Book	Fair Child Publications, New York	Fourth ,2005
2.	Susheeladantysi	Fundamentals of Textiles and Their Care	Orient Longman Ltd, NewDelhi	Fifth,2002
3.	Heannette A Jarnow ET	Inside Fashion Business	A1, Macmillan Publishing Company, New York	Seventh,2007
4	Karenhemingway	The encyclopedia of stitches	Newholland publishers, london	First, 2004

**Pedagogy**

Lecture, PPT, Assignment, Illustration

## SEMESTER - II

CODE	COURSE TITLE
18CFUCP04	DESIGNING AND MANUFACTURING CHILDREN'S APPAREL – PRACTICAL

Category	CIA	ESE	L	T	P	Credit
Core	60	40	-	-	90	2

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Acquire knowledge about basic pattern making for garments
CO2	Apply layouts
CO3	Analyze the garment costs
CO4	Illustrate of children's garment designs
CO5	Construction of garment.

### Syllabus

#### UNIT I (22 hrs.)

Designing, Drafting and Constructing the Following Garments for the Features Prescribed.

#### UNIT II (22 hrs.)

List the Measurements Required and Materials Suitable

Calculate the Cost of the Garment Calculate the Material Required – Layout Method And Direct Measurement Method.

#### UNIT III (23 hrs.)

##### 1. Infant Dresses: -

- A) Bonnet - With Knotting or Velcro.
- B) Bib - Variation in Out Line Shapes.
- C) Jabla - With or Without Sleeve Any Neck Variation, With or Without Open.
- D) Panties / Knicker - With or Without Elastic, With or Without Open

E) Baby Bed Set - Quilting

## UNIT IV

(23hrs.)

### 2. Toddlers Dress

A) A- Line Petticoat - Neck and Armhole with Facing With/Without Strap, With/Without Gathers.

B) Summer Frock - With Suspenders at Shoulder Line, Without Sleeve/Collars

C) Yoke Frock - Yoke at Chest Line, Open Sleeve.

D) Romper/Sun Suit - Without Sleeve, With/Without Elastic at Thigh.

### Reference Books

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	Mary Mathews	Practical clothing construction I and II	Comic press, Chennai	Reprinted, 2014
2.	Zarapkar	Zarapkar System of Cutting	K.R.Navneet Publications Ltd, Mumbai	Reprinted, 2012
3	Maggi McCormick Gordon	The ultimate sewing book	Collins and brown ltd, london	First, 2002
4	Premlatha Mullick	Garment construction skills	Kalyani publishers, ludhiana	Reprinted, 2010

### Pedagogy

Lecture, PPT, Illustration, Designing, Garment Construction

## SEMESTER - II

CODE	COURSE TITLE
18CFUA202	TECHNOLOGY OF CLOTHING MANUFACTURE

Category	CIA	ESE	L	T	P	Credit
Allied	25	75	57	3	-	5

### Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement
CO1	Acquire knowledge on machineries used in garment construction
CO2	To interpret the classification and function of sewing machine
CO3	Ability to understand the features of sewing needles and fabric handling
CO4	Describe the basic principles of working of different types of cutting machineries used in apparel production
CO5	Develop skill in setting and adjustment parts of sewing machines

### Syllabus

#### UNIT I

(12 hrs.)

Sewing Machineries: Classifications of Sewing Machines - Parts and Functions of A Single Needle Machine - Double Needle Machine - Over Lock Machine - Bar Tacking Machine - Button Hole Making Machine - Button Fixing Machine - Feed – Of – Arm Machine - Blind Stitching Machine - Fabric Examining Machine.

#### UNIT II

(12 hrs.)

Stitching Mechanism: Needles, Bobbin and Bobbin Case, Bobbin Winding, Loops and Loop Spreader, Threading Finger, Upper and Lower Threading, Auxiliary Hooks, Throat Plates, Take-Ups, Tension Discs – Upper and Lower Thread Tension, Stitching Auxiliaries - Pressure Foot and Its Types - Feed Mechanisms – Drop Feed. Special Attachments - Care and Maintenance - Common Problems and Remedies.

#### UNIT III

(12 hrs.)

Spreading & Marking: Types of Spread and Its Quality - Spreading Equipment and Tools Used For Spreading - Spreading Methods. Marking Methods - Positioning Marking - Types of Markers -

Efficiency of a Marker Plan and Requirements of Marker Planning.

#### UNIT IV

(12 hrs.)

Cutting Technology: Definition - Function - Scope. Cutting Equipment and Tools - Vertical Reciprocity Cutting Machine - Rotary Cutting Machine - Band Knife Cutting Machine - Die – Cutters.

#### UNIT V

(12 hrs.)

Pressing Equipment's: Purpose - Pressing Equipment's and Methods – Iron, Steam Press, Steam Air Finisher and Steam Tunnel. Special Types – Pleating, Permanent Press

#### Reference Books

Sl.No.	Author Name	Title of the Book	Publisher	Year and Edition
1.	Harold Carr And Barbara Latham,	The Technology Of Clothing Manufacture	Blackwell Science Publishing, New Delhi	Second, 2004
2.	Ruth F Glock, Grace I Kunz	Apparel manufacturing	Pearsons India Education Services Pvt Ltd	Fourth, 2014
3.	The Readers Digest Association	Readers Digest Sewing Guide, Complete Guide To Sewing,	The Readers Digest Association Inc, Pleasant Ville	Thirteen, 1997
4	Dorling Kindersely	The complete book of sewing	Dorling Kindersely ltd	Second, 2003

#### Web Resources

<http://textilelearner.blogspot.in/2012/11/parts-of-sewing-machine-and-their.html>

<http://www.kiteguy.info/resources/Needles.pdf>

<http://textilelearner.blogspot.in/2014/01/configuration-of-spreading-systems-used.html>

<http://textilelearner.blogspot.in/2012/07/cutting-fabric-requirements-of-cutting.html>

<http://textilelearner.blogspot.in/2012/02/process-sequence-of-garments.html>

#### Pedagogy

Lecture, PPT, Assignment, Group Discussion, Seminar, Industrial visit



## SEMESTER I

CODE	COURSE TITLE
19BIUC101	PRINCIPLES OF ACCOUNTANCY

Category	CIA	ESE	L	T	P	Credit
Core	25	75	85	5	-	4

### Course Outcomes

On the successful completion of the Course, students will be able to:

CO Number	CO Statement
CO1	Recall various accounting concepts and Double Entry System of book keeping
CO2	Understand and deal with adjustments in Final Accounts
CO3	Acquire the knowledge on Bills of Exchange and Determination of Insurance Claims on Fire Accident
CO4	Interpret the Bank Reconciliation Statement
CO5	Prepare the financial statement of Non-Profit Organization

### Syllabus

#### UNIT I 18 Hrs.

Introduction to Accounting: Definition- Objectives – Methods and Types of Accounts – Basic Accounting Concepts and Conventions -Journal – Ledger – Subsidiary Books excluding Petty Cash, Bills Payable and Bills Receivable.

#### UNIT II 16 Hrs.

Preparation of Trial Balance - Final Accounts of a Sole Trader with Simple adjustments.

#### UNIT III 19 Hrs.

Bills of Exchange – Accommodation bills – Fire Insurance Claims.

#### UNIT IV 19 Hrs.

Bank Reconciliation Statement – Average Due Date – Account Current.

#### UNIT V 18 Hrs.

Accounts of Non-Profit Organizations – Receipts and Payments Account, Income and

Expenditure Account and Balance Sheet.

**Note : Distribution of marks 20% Theory and 80% Problems**

### **Text Books**

<b>S.No.</b>	<b>Author</b>	<b>Title of the Book</b>	<b>Publisher</b>	<b>Year and Edition</b>
1	Nagarajan K.L, Vinayagam .N& Mani .P.L.	Principles of Accountancy	S. Chand & Co. Ltd., New Delhi	2010 3 <sup>rd</sup> Edition Reprint
2	Reddy .T.S &Murthy.A.	Financial Accounting	Margham Publications, Chennai	2010 5 <sup>th</sup> Edition

### **Reference Books**

<b>S.No.</b>	<b>Author</b>	<b>Title of the Book</b>	<b>Publisher</b>	<b>Year and Edition</b>
1	Grewal. T. S	Introduction to Accountancy	S. Chand & Co. Ltd., New Delhi	2003 1 <sup>st</sup> Edition
2	Reddy .T.S &Murthy.A.	Corporate Accounting	Margham Publications, Chennai	2014 Revised 6 <sup>th</sup> Edition (Reprint 2016)
3	S.P Jain and K.L Narang	Principles of Accountancy	Kalyani Publishers, New Delhi	2014 5 <sup>th</sup> Revised Edition

### **Web Resources**

- <https://www.principlesofaccounting.com>
- <https://www.blackhallpublishing.com>
- <https://www.wallstreetmojo.com>
- <https://accounting-simplified.com>

### **Pedagogy**

- Lecture, Chalk& Talk and Assignment