

FASHION DESIGN & GARMENT TECHNOLOGY
CLASS–XII
ELECTIVE
BASIC PATTERN DEVELOPMENT (775)

Objective of the Course

- To introduce students to the world of fashion designing through pattern development.
- To explain important skill that enable the designer to convert a design sketch into a three dimensional form.
- To develop basic blocks for bodice, sleeve and Indian garments.
- To understand and implement the concept of test fits and to convert paper patterns into muslin.

Learning Outcome

After finishing the course, the students shall be able.

- To understand the basic skill of pattern making.
- To understand and appreciate the concept of fit and balance.
- To develop basic blocks from measurement charts.
- To test fit the pattern.
- To develop patterns for simple designs using basic blocks.

THEORY

Time: 2.5 Hours

Marks: 50

Chapter–1: Introduction to Pattern Making	10
<ul style="list-style-type: none">• Understanding of body & its measurements.• Methods of measuring body and dress form.	
Chapter–2: Methods of Measuring	10
<ul style="list-style-type: none">• Relationships of sizes and measurements.• Measurement charts.	
Chapter–3: Tools and Terminology of Pattern Making	5
<ul style="list-style-type: none">• Tools of pattern making.• Common terms used in pattern development.	
Chapter–4: Garment Details	5
<ul style="list-style-type: none">• Garment details – Neckline/collar/sleeve/pocket/placket.	
Chapter–5: Pattern Making of Indian Garment	5
<ul style="list-style-type: none">• Introduction to Indian Garments.	
Chapter–6: Pattern Development from Drapes and Measurement	5
<ul style="list-style-type: none">• Difference of pattern from drape and measurements.	
Chapter–7: Garment Fit	10
<ul style="list-style-type: none">• Introduction to Pattern Development for women wear - how patterns are made and developed, the importance of fit and balance and methods of achieving it.	

PRACTICAL

Time: 2.5 Hours

Marks: 50

Practical No. 1:	3
• Basic Bodice.	
Practical No. 2:	3
• Dart Manipulation.	
Practical No. 3:	4
• Salwar.	
Practical No. 4:	4
• Churidar Pyjamas.	
Practical No. 5:	4
• Saree Blouse.	
Practical No. 6:	3
• Sleeveless Saree Blouse.	
Practical No. 7:	3
• Choli Blouse.	
Practical No. 8:	3
• Necklines.	
Practical No. 9:	4
• Kameez.	
Practical No. 10:	3
• A-line Kameez.	
Practical No. 11:	4
• Kalidar Kurta.	
Practical No. 12:	4
• Two Kali Kurta.	
Practical No. 13:	4
• Sleeve.	
Practical No. 14:	4
• Collar.	

Final Product

Student will learn to develop patterns for Indian garments like salwar kameez, churidar-kalidar kurta, sari blouse and choli blouse also using basic blocks develop patterns for simple designs of skirts and blouses.

Evaluation Criteria

- Theory – Written Exam for 50 marks- 2.5 hour paper.
- Practical – 50 marks- Exam for 30 marks, File work to be marked 5 marks external and 5 marks internal faculty, 10 marks viva.

Prescribed Reference Text

- Basic Pattern Development, Students Handbook & Practical, Class XII, Published by CBSE.

CLASS–XII
ELECTIVE
GARMENT CONSTRUCTION (776)

Objective of the Course

- To assemble a garment.
- To construct a bodice using different seams.
- To make a placket for bodice opening.
- To finish a neckline by both piping and facing and attaching a collar.
- To set in a sleeve in the arm hole and finish by attaching the cuff.
- To put gathers or pleats in the skirt and finish the waist with a waist band or attach a bodice.
- To stitch Indian garments using appropriate seams and finishes.

Learning Outcome

After finishing the course, the students shall be able.

- To join various parts of the garment and construct a complete garment.
- To finish a bodice with neckline & Armhole using both piping and facing.
- To set in the sleeve.
- To stitch a skirt.
- To stitch a salwar.
- To stitch a Churidar.
- To stitch a kameez.
- To stitch a kalidar kurta.
- To stitch a sari blouse.
- To stitch a choli blouse.

THEORY

Time: 2.5 Hours

Marks: 50

- | | |
|---|----|
| • Garment Assembly systems. | 20 |
| • Garment finishing machines (button hole/button attach, bartack etc. | 15 |
| • Fabric consumptions and estimations. | 15 |

PRACTICAL

Time: 2.5 Hours

Marks: 50

- | | |
|--|---|
| • Concept of placket, various kind of plackets – continuous, diamond, shirt placket with facing, pleated shirt placket, blouse placket, kurta placket. | 3 |
| • Concept of slit and seam. | 3 |
| • Concept of collar and Collar attachment - peter pan, Chinese, shirt. | 3 |
| • Pocket – Application of pocket, patch pocket, inserted pocket, structured pocket, bound pocket, welt pocket, inseam pockets etc. | 3 |
| • Assembling of bodice. | 4 |
| • Yoke attachment. | 3 |
| • Sleeve attachment. | 3 |

Waist band attachment.	3
• Constructing a skirt and blouse using pattern template.	5
• Constructing a salwar-kameez.	5
• Constructing a Churidar-kalidar kurta.	5
• Constructing a Sari blouse.	5
• Constructing a choli blouse.	5

Methodology of Teaching

- Illustrated lectures with slides, visuals and demonstrations where ever required.

Evaluation Criteria

- Theory – Written Exam for 50 marks- 2.5 hour paper.
- Practical – 50 marks- Exam for 30 marks, File work to be marked 10 marks external and 10 marks internal faculty.

Prescribed Reference Text

- Garment Construction, Handbook & Practical Manual, Class–XI & XII, Published by CBSE.
- Encyclopaedia of dressmaking by Marshall Cave.
- Readers Digest book of Sewing.
- Encyclopaedia of Sewing.

CLASS–XII OPTIONAL FABRIC STUDY (774)

Objective of the Course

- To acquire an elementary understanding of fibres.
- To understand yarns and fabric structures along with their end uses.
- To develop understanding of basic techniques of value addition.
- To learn appropriate surface design of fabrics.

Learning Outcome

After finishing the course, the students shall be able.

To use appropriate terminology used in fabrics.

- To understand the various techniques of fabric structure.
- To appreciate the traditional textiles of India.
- To be able to develop basic surfaces on textiles through embroideries and dyeing techniques.

THEORY

Time: 2.5 Hours

Marks: 50

• Introduction to fibre and yarn - definition, terminologies, properties, end users.	10
• Fabric structures- woven, knitted, non wovens - definition, terminologies, properties.	10
• End users of fabrics- Fabrics for apparel, home furnishing, special purposes.	5
• Surface value addition on textiles- Embroidery techniques, printing, resist dyeing techniques- Tie and Dye, Batik, Block Printing, Stencil Printing.	10

- Traditional textiles of India – Embroideries of states of India. 5
- Traditional textiles of India – Resist dye techniques in traditional Indian textiles. 10

PRACTICAL

Time: 2.5 Hours

Marks: 50

Practical No. 1: 5

- Fiber, Yarn and Fabric.

Practical No. 2: 7

- Basic Embroidery Stitches.

Practical No. 3: 7

- Tie and Dye.

Practical No. 4: 7

- Batik.

Practical No. 5: 7

- Block Printing.

Practical No. 6: 7

- Stencil Printing.

Practical No. 7: 10

- Indian Traditional Embroideries.

Methodology of Teaching

- Lectures, Practical, Demonstrations.
- Industry/field visits to craft centres, embroidery/tie-dye units.

Evaluation Criteria

- Theory – Written Exam for 50 marks - 2.5 hour.
- Practical – 50 marks- Exam and documentation for 20 marks (2.5 hrs), File work to be marked 5 marks external and 5 marks internal faculty.

Prescribed Reference Text

- Fabric Study, Students Handbook and Practical Manual, Class XII, Published by CBSE.
- 'Textiles' by Sara Kadolph & Anna Langford.
- Essentials of Textiles, by Marjorie Joseph.

