DIPLOMA IN CUTTING & TAILORING

ONE YEAR PROGRAMME | TWO SEMESTERS | UNIVERSITY-STYLE CURRICULUM

Programme Name: Diploma in Cutting & Tailoring
Course Duration: 1 Year
Course Level: Diploma
Programme Type: Vocational / Skill-Based
Eligibility: 10th Pass or Equivalent
Total Semesters: 2
Medium of Instruction: English / Hindi
Assessment: Theory, Practical, Assignments & Project Work

1. Programme Objectives

The Diploma in Cutting & Tailoring is designed to provide students with professional knowledge and practical skills in garment construction, fabric selection, body measurements, pattern making, cutting techniques, sewing operations and fashion garment designing.

The programme focuses on developing technical expertise in stitching different types of garments, understanding clothing measurements, operating sewing machines and establishing professional tailoring or boutique businesses.

2. Semester-wise Course Structure

Semester I – Fundamentals of Cutting & Tailoring

Subject Code	Subject Name	Credits
DCT-101	Fundamentals of Garment Making	4
DCT-102	Introduction to Textiles & Fabrics	3
DCT-103	Body Measurements & Drafting Techniques	4
DCT-104	Basic Sewing Machine Operations	4
DCT-105	Basic Cutting & Stitching Techniques	4
DCT-106	Practical Garment Construction – I	4
	Total	**23**

Subject Details – Semester I

DCT-101: Fundamentals of Garment Making

- Introduction to garment construction and tailoring.
- History and development of clothing.

- Types of garments and their classification.
- Basic tailoring terminology.
- Parts of garments and their functions.
- Introduction to garment construction processes.
- Tools and equipment used in tailoring.

DCT-102: Introduction to Textiles & Fabrics

- Classification of natural and synthetic fibres.
- Cotton, silk, wool, linen and polyester fabrics.
- Woven, knitted and non-woven fabrics.
- Fabric texture, weight and quality.
- Identification and selection of fabrics.
- Fabric grain, selvedge and bias.
- Fabric care, washing and maintenance.

DCT-103: Body Measurements & Drafting Techniques

- Introduction to body measurement methods.
- Standard body measurement chart preparation.
- Measurement of bust, waist, hip and shoulder.
- Sleeve, armhole and neckline measurements.
- Basic drafting tools and techniques.
- Introduction to paper pattern making.
- Preparation of basic garment blocks.
- Pattern marking and measurement accuracy.

DCT-104: Basic Sewing Machine Operations

- Introduction to domestic and industrial sewing machines.
- Parts and functions of sewing machines.
- Machine threading and bobbin winding.
- Needle selection and machine settings.
- Straight stitch and zigzag stitch.
- Seam formation and stitching practice.
- Machine cleaning and maintenance.
- Safety precautions during machine operation.

DCT-105: Basic Cutting & Stitching Techniques

- Introduction to fabric cutting methods.
- Fabric layout and pattern placement.
- Cutting tools and equipment.
- Seam allowance and marking techniques.
- Different types of seams and seam finishes.
- Darts, pleats, tucks and gathers.

- Introduction to pockets, collars and sleeves.
- Hemming and edge finishing.

DCT-106: Practical Garment Construction – I

- Preparation of basic stitching samples.
- Construction of simple petticoat.
- Making basic ladies' blouse.
- Cutting and stitching of simple kurti.
- Construction of basic skirt.
- Preparation of simple salwar.
- Stitching of children's basic garments.
- Garment fitting and finishing.

Semester II – Advanced Cutting, Pattern Making & Garment Construction

Subject Code	Subject Name	Credits
DCT-201	Advanced Pattern Making & Grading	4
DCT-202	Advanced Cutting & Fabric Layout	4
DCT-203	Ladies Garment Designing & Construction	4
DCT-204	Men's & Children's Garment Construction	4
DCT-205	Garment Fitting, Alteration & Finishing	3
DCT-206	Fashion Designing & Boutique Management	3
DCT-207	Major Project & Practical Training	6
	Total	**28**

Subject Details – Semester II

DCT-201: Advanced Pattern Making & Grading

- Advanced pattern drafting techniques.
- Development of basic garment blocks.
- Pattern adaptation and manipulation.
- Dart shifting and dart manipulation.
- Collar, sleeve and neckline variations.
- Pattern grading for different sizes.
- Preparation of master patterns.
- Paper pattern correction and modification.

DCT-202: Advanced Cutting & Fabric Layout

- Advanced fabric cutting methods.
- Fabric estimation and consumption calculation.

- Pattern placement and marker planning.
- One-way and two-way fabric layouts.
- Cutting of printed and checked fabrics.
- Cutting of delicate and stretchable fabrics.
- Industrial cutting tools and equipment.
- Fabric wastage control and cutting accuracy.

DCT-203: Ladies Garment Designing & Construction

- Designing and drafting of ladies' garments.
- Different styles of ladies' blouses.
- Designer kurti and kurta construction.
- Salwar, palazzo and churidar stitching.
- Ladies' suit and dress construction.
- Saree petticoat and skirt designing.
- Nightwear and gown construction.
- Neckline, sleeve and cuff variations.

DCT-204: Men's & Children's Garment Construction

- Introduction to men's garment construction.
- Drafting and stitching of men's shirts.
- Construction of trousers and pants.
- Kurta and pajama stitching.
- Children's frock and dress construction.
- Baby suit and children's wear.
- Shorts, skirts and school uniforms.
- Garment finishing and fitting.

DCT-205: Garment Fitting, Alteration & Finishing

- Principles of garment fitting.
- Identification of fitting problems.
- Alteration of garments according to measurements.
- Adjustment of shoulder, waist and hip.
- Sleeve and neckline corrections.
- Zippers, buttons, hooks and fasteners.
- Pressing, ironing and garment finishing.
- Quality inspection and defect correction.

DCT-206: Fashion Designing & Boutique Management

- Introduction to fashion designing.
- Fashion trends and garment styling.
- Basic fashion illustration and sketching.
- Colour combinations and fabric coordination.

- Boutique planning and management.
- Cost estimation and garment pricing.
- Customer handling and order management.
- Marketing and promotion of tailoring services.
- Introduction to entrepreneurship.

DCT-207: Major Project & Practical Training

Students must complete the following practical assignments:

1. One ladies' blouse with proper fitting.
2. One designer kurti or kurta.
3. One salwar suit.
4. One palazzo or trouser.
5. One men's shirt.
6. One men's trouser.
7. One children's frock.
8. One complete fashion garment project.
9. Final measurement, cutting, stitching and finishing portfolio.

3. Examination & Assessment Scheme

Proposed university-style marks distribution

Subject Code	Theory	Practical	Total
DCT-101	70	30	100
DCT-102	70	30	100
DCT-103	40	60	100
DCT-104	30	70	100
DCT-105	40	60	100
DCT-106	20	80	100
DCT-201	50	50	100
DCT-202	40	60	100
DCT-203	30	70	100
DCT-204	30	70	100
DCT-205	40	60	100
DCT-206	70	30	100
DCT-207	20	80	100
Grand Total	**550**	**750**	**1300**

4. Programme Learning Outcomes

After completing this diploma, students will be able to:

- Take accurate body measurements.
- Prepare garment patterns and size charts.
- Perform professional fabric cutting.
- Operate domestic and industrial sewing machines.
- Construct ladies', men's and children's garments.
- Perform garment fitting and alterations.
- Develop fashion designs and garment samples.
- Manage a tailoring unit or boutique business.

5. Career Opportunities

Professional Tailor

Fashion Designer Assistant

Boutique Owner

Garment Production Assistant

Pattern Making Assistant

6. Recommended Academic Requirements

Particulars	Details
Duration	1 Year
Semester	2
Total Credits	51
Total Marks	1300
Eligibility	10th Pass
Attendance	Minimum 75%
Passing Marks	40% per subject
Examination	Theory + Practical + Project