

# KNITTED GARMENT TECHNOLOGY

## Weeks 1-3: Unit I – Knitting Introduction

### Week 1

- **Lecture 1:** Definition of Knitting, Wales, Courses, Face, and Back
- **Lecture 2:** Comparison between Weft and Warp Knitting

### Week 2

- **Lecture 3:** Comparison between Flat and Circular Weft Knitting
- **Lecture 4:** Differences Between Knitted and Woven Fabrics

### Week 3

- **Lecture 5:** Advantages and Applications of Knitted Fabrics
  - **Lecture 6:** Recap and Practice Quiz on Knitting Introduction
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## Weeks 4-6: Unit II – Weft Knitting

### Week 4

- **Lecture 7:** Study of Parts and Functions of Flat Weft Knitting Machine
- **Lecture 8:** Schematic Representation of Circular Weft Knitting Machine

### Week 5

- **Lecture 9:** Properties and Uses of Weft Knits – Plain, Rib, Interlock, and Purl
- **Lecture 10:** Introduction to Knitting Stitches – Knit, Miss, and Tuck

### Week 6

- **Lecture 11:** Parts and Basic Knitting Action of Latch Needle and Bearded Needle
  - **Lecture 12:** Parts and Basic Knitting Action of Compound Needle
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## Weeks 7-9: Unit III – Knitted Garments

### Week 7

- **Lecture 13:** Classification of Knitted Garments Based on Production – Fully Cut and Stitched Shaped Cut

- **Lecture 14:** Fully Fashioned and Integral Garments: Introduction and Importance

#### **Week 8**

- **Lecture 15:** Production Sequence of Knitted Garments
- **Lecture 16:** Suitable Stitches for Knitted Garments – 402 and 406

#### **Week 9**

- **Lecture 17:** Suitable Stitches for Knitted Garments – 407, 602, and 603
  - **Lecture 18:** Suitable Stitches for Knitted Garments – 604, 605, 607, and 608
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### **Weeks 10-11: Unit IV – Handling**

#### **Week 10**

- **Lecture 19:** Issues in Knitted Fabric Handling During Garment Manufacturing
- **Lecture 20:** Impact of Loop Length on Fabric Properties

#### **Week 11**

- **Lecture 21:** Effect of Loop Shape on Knitted Fabric Characteristics
  - **Lecture 22:** Recap and Practice Quiz on Fabric Handling
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### **Weeks 12-16: Unit V – Defects**

#### **Week 12**

- **Lecture 23:** Classification of Defects in Knitwear – Critical, Major, and Minor
- **Lecture 24:** Causes and Remedies for Common Defects in Knitwear

#### **Week 13**

- **Lecture 25:** Addressing the Issue of Skewness in Knitted Fabrics
- **Lecture 26:** Practical Examples of Skewness in Knitwear

#### **Week 14**

- **Lecture 27:** Inspection Techniques for Knitwear Defects
- **Lecture 28:** Preventive Measures for Common Knitting Defects

#### **Week 15**

- **Lecture 29:** Final Recap of All Units: Key Concepts and Problem-Solving
- **Lecture 30:** Practice Quiz and Discussion on Defects

### **Week 16**

- **Lecture 31:** Comprehensive Review of Entire Syllabus
- **Lecture 32:** Final Exam Preparation and Doubt Clearing