

LESSON PLAN

DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK

SUBJECT: GARMENT MANUFACTURING TECHNOLOGY Periods: 4 per week SEMESTER: 6th

NAME OF FACULTY: Smt.Rashmi Rekha Patel ACADEMIC YEAR: 2022-2023

Semester From date: 14.02.2023 To Date: 23.05.2023 No. of weeks: 15

Week	Class Day	Theory / Practical Topics
1st	1st	Classification of Garments for Men and Women, Fabric selection for Garments and Properties
	2nd	Eight Head Theory of Human Anatomy, Measurements and its importance
	3rd	Method of Taking important body measurements for gents and ladies garment
	4th	Class for revision
2nd	1st	Patterning & Importance of paper patterns
	2nd	Types & methods of paper patterns
	3rd	Types & methods of paper patterns
	4th	Principles of pattern drafting
3rd	1st	Pattern making of Top and Bottom Garments
	2nd	Pattern making of Top and Bottom Garments
	3rd	Study of Grading of various components of Top and Bottom Garments
	4th	Marker Planning
4th	1st	Computer Aided Pattern Making and Grading System
	2nd	Class for revision
	3rd	Spreading
	4th	Purposes and methods of Spreading
5th	1st	Purposes and methods of Spreading
	2nd	Cutting – Hand Shear
	3rd	Straight knife cutting machine
	4th	Bend knife cutting machine
6th	1st	Circular knife cutting machine
	2nd	computer controller cutting knife cutting machine
	3rd	Assorting
	4th	Stickering
	1st	Bunding

7th	2nd	Class for revision
	3rd	Definition & classification of stitch, seam
	4th	Types of seams sewing aids / tools
8th	1st	Different parts of sewing machine
	2nd	sewing machines - Lock stitch, chain stitch
	3rd	sewing machines - Over lock, flat lock
	4th	sewing machines - Button holing, buttoning
9th	1st	Timing diagram for lock stitch
	2nd	Trimmings, Selection of Needle and sewing thread
	3rd	Construction of Top and Bottom and Garments
	4th	Construction of Top and Bottom and Garments
10th	1st	Individual and Group production systems
	2nd	Class for revision
	3rd	Fusing, Base cloth, Resins coating systems
	4th	Temperature, time, pressure. Peel strength
11th	1st	Pressing, types of pressing, basic components of under pressing
	2nd	Machinery and Equipment Pressing
	3rd	Top Pressing Controls
	4th	Handling Systems
12th	1st	Packing, Different types of packing
	2nd	Packing materials
	3rd	Labels and tags
	4th	Class for revision
13th	1st	Definition of Marketing, sales,
	2nd	Definition of Merchandising, customers / buyers
	3rd	Definition of product / costing, Lead time
	4th	Time Planning and Scheduling
14th	1st	Raw materials and accessories sources
	2nd	Structure of Garment manufacturing unit
	3rd	Structure of Garment manufacturing unit
	4th	Contractors & subcontractors

15th	1st	Distribution / delivery
	2nd	Market research promotion
	3rd	State Garment organization & expor
	4th	Class for revision