Syllabus for the trade of "**Sewing Technology" (CITS)** under craft instructor training scheme

First Semester (Common for Sewing Technology & Dress Making)

Duration: Six months

Week No.	Trade Practical 3 hrs	Trade Theory 1 hr
1.	Revision of the CTS contents Practice of Drafting Practice of Pattern making Practice of Grading Practice of Draping Practice of Stitching	Revision of the CTS contents Concepts of Drafting Concepts of Pattern making Concepts of Grading Concepts of Draping Concepts of Stitching
2.	• Familiarization with the working of computer, Paint and different software like Corel draw, Adobe Photoshop, etc.	• Trade Knowledge Role of CAD in garment industry • Basic knowledge about various aspects of CAD operations, Paint, Corel draw and Adobe Photoshop, etc. • Knowledge about importance of pattern • Safety precautions in garment industry.
3.	Creation of patterns with the help of Corel draw, Adobe Photoshop (Latest Software) etc. q	• Introduction of PDS (Create Pattern, Grade Pattern) • Introduction of Marker (Create Layout) • Introduction of 3D • Introduction of Digitizer (Digitize pattern) • Introduction of Plotter (Print Pattern) • Scope • Importance

4.	• software tools for Pattern Making
	• Familiarization with menu & Commands
	   o New Piece
	   o Select Tool
	   o Point marking
	   o Guide line
	   o Delete
	   o Move Piece
	   o Save
	   o New
	   o Open
		• Starting of System Soft ware Screen Menu

	o Help o Zoom o Cut o Copy o Paste o Matching Curves (walk Tool) o Mirror Line	
5.	o Seams o Select & move internals o Inserting Text o Rotate piece o Measuring o Adding fullness o Cut, Join, Build & Trace piece o Fold piece o Insert, Edit, close & cut Dart o Insert Pleat	o Details about the Tool Bars Command details
6.	Drafting of Children Upper bodies Block Drafting of Children Lower Body Block	Children Size Charts & Bodies Block.
7.	o Base line – change/Rotate o Adding Fullness o Change corner o Insert Button Add Notch o Align points o Circle, Arc & Wave o Trace & Trim o Extend, Join & split Contour o Swap segment o Practice of Cutting, Joining, Creating lines & Parallels of drafts.	Detailing of Tools
8.	Drafting of Ladies Bodice Block & Trousers Block	Ladies measurement chart & Ladies Blocks
9.	Digitizing of Pattern • Working with File, Edit, Piece, Design, Tool, View & Help menu. • Designing with darts • Insertion of Style Lines	Digitizing – Tools & Importance
10.	Grading of Patterns	Grading • Size Table • Grading Table • Grading Menu
11.	Drafting of Skirt Block Design insertion to the Block	Designing in Skirts
12.	Developing of Sleeve Blocks &	Designing in Sleeves & Collars

	Insertion of Design Developing Collars	
13.	Developing Patterns with Spec Sheet.	Spec Sheet Export Import of files Printing & plotting commands X & Y axis

14.	Practice of Marker Tools
	Practice of making marker
	General Tools
	Information – Piece, all size, Global
	Placement of pieces
	Fabric Pattern
	Measure Tool
	Plot order
	Flaw
	Alignment
	    o Shoot
	    o Flip & Rotate
	    o Auto Nesting
	    o Batch
	    o Merge
	    o Import Export
		Marker
		  o Introduction
		
		  o Knowledge about spreading techniques and equipment
		
		  o Marker modes and marker efficiency
		
		  o Knowledge about spreading and material handling

15.	3 D Tools Model Property Open, Save & Customize. Place cloth, Clear cloth, Single Draping, Show & Hide. Stitch Property 3 D Property	Introduction to 3D Use of 3D Tools of 3D software Draping technique Brief description of Model drawing, draping and grading on dummies.
16.	Exercise on each topic , collection of samples ,survey work in market & industry, Preparation of sample folders & survey reports	Apparel enterprises Apparel career, consulting, reporting, buying offices, promotion agencies, organization & trade association in apparel industry
17.	Exercise on each topic , collection of samples ,survey work in market & industry, Preparation of sample folders & survey reports	Apparel Market Sourcing, market, changing trends in fashions, domestic & international market, primary & secondary market. Retail business, retail management , fashion retailing, departmental stores, chain stores, shopping centers & mall Globalization
18.	Findings • Identification of defects in fabrics & accessories • Measurements Checking as per	Quality control ● Introduction ● Meaning ● Need

	Spec. Sheet. • Preparation of cost Sheet.	• Cost of quality control system • Concepts • Identification of critical factor	
19.	Exercise on various sheets used in garment export house by Quality Controllers	Inspection • Definition ,need, planning place, time , method • Type of Inspection • Stages of inspection • Role of inspector	
20.	Exercise on various sheets used in garment export house by Quality Controllers	• Benefits of quality control in garment industry • Quality assurance system • Statistical quality control process • TQM	
21.	Trainees will design/ develop pattern and stitch garments on the basis of skills developed under CTS & CITS and present the same. Selection of the projects will be according to the need of the industries as well as the choice & interest of the trainees.		
22.			
23.			
24.			
25.	Industrial Visits		
26.	Examination		