

**CURRICULUM FOR SIX MONTH CERTIFICATE COURSE
FOR
COMMUNITY DEVELOPMENT THROUGH POLYTECHNIC SCHEME
IN
GARMENT TECHNOLOGY**

UNDER DEVELOPMENT

Prepared By
CURRICULUM DEVELOPMENT CELL

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SIX MONTH CERTIFICATE COURSE
IN
GARMENT TECHNOLOGY

Sl. No.	Module	Duration
1.	Module 1	16 weeks
2.	Module 2	8 weeks

MAIN FEATURES OF THE CURRICULUM

1. Title of the Course : Certificate course in **GARMENT TECHNOLOGY**
2. Duration of the Course : Six Month
3. Type of the Course : Full Time Institutional

MODULE-1

Tailor (Basic Sewing Operator)

Practical Competencies	Underpinning Knowledge (Theory)
<ul style="list-style-type: none">* Practice Health & Safety- Select, use, maintain & store- tools, equipments & clothing safely* Operation of treadle sewing machine* Practice of different types of seams like French seam, Flat seam, Felling seam, Plain seam, Pressed Seam, Necklines, Plackets & Collars.* Practice of various upper & lower body garments making patterns. Drafting of basic blocks pattern making of various patterns as per specifications.* Practice of cutting various garments, cutting techniques. Cutting of fabrics using patterns. To sew various garments like Baby suits, Bloomers, Baby frcks, Suits, Skirts, Tops, Salwar Khameez, Nightgowns, Housecoats.* Pyzamas and Kurtas.	<ul style="list-style-type: none">* Knowledge of sewing machine* Maintenance of sewing machine. Definition & Knowledge of Different seams and stitches. Importance of pattern making, cutting techniques.* Difference between inches, cms, yards & meter. How to take measurements.* Safty precautions while pattern making & stitching.

MODULE-2

SHIRT & TROUSER MAKING

<u>Sr. No.</u>	<u>Skills to be Acquired</u>
1	Handling & precautions of industrial tools & equipments. 1) Measuring equipments in industry. 2) Drafting tools & equipments. 3) Cutting tools & equipments. 4) Pressing equipments & related precautions.
2	Correct handling of all types of Sewing machine & their operations. 1) single needle high speed industrial straight lock stitch machine / computerized 2) twin needle feed lock stitch with thread trimmer. 3) single needle, 2 thread ultra high speed over Lock sewing machine. 4) double needle feed off arm. 5) single needle flat bed double chain stitched. 6) 5 thread over lock machine with safety stitch. 7) electronic buttonhole machine / computerized. 8) electronic bar tacking machine. 9) single needle zigzag machine/Computerized 10) button stitch machine/computerized 11) belt attaching machine with belt folder 12) elastic attaching machine 13) twin needle 3 threads flat bed covering stitcher with front cutter for making belt 100 ps. 14) blind stitch machine. 15) double needle patch pocket fixing machine. 16) collar stitching & turning machine. 17) cuff stitching & turning machine. 18) fusing machine. 19) vacuum pressing machine. 20) stain removing machine etc.

3	Paper pattern making and cutting pattern with given sizes (shirts & trousers) using different electric machine.
4	<p>Making of gent's shirts / making of safari shirts (half & full sleeves, half & full open)</p> <p>Main skills involved- making & fixing different types of collar, cuffs, pockets, yokes etc. Lay planning of components according to design of fabric such as checks, stripes, texture.</p>
5.	<p>Designing & making a gents jackets from denim & suiting material.</p> <p>Skills involved – different yokes, slant pockets, front placket finishing withzip. Finishing, pressing & packing of above garment using different industrial machines for each purpose.</p>
6	<p>Designing and making of different trousers</p> <ol style="list-style-type: none"> 1) Pleated pant 2) One piece narrows bottom pant. 3) Bell bottom pant. 4) Jeans 5) Cargo pant. <p>Main skills involved- different finishing for belts, plackets, such front side, different finishing for pockets such patch pockets side pockets etc. Using special machines.</p>
7	<p>Finishing, pressing & packing of different trousers using special industrial machine for each purpose.</p> <ol style="list-style-type: none"> 1) Mini boiler with vacuum pressing table with shirts & trousers buck. 2) Electrical steam press (automatic) 3) Shirt folding machine 4) Stain removing machine

TOOLS AND EQUIPMENTS FOR A BATCH OF 20 TRAINEES.

S.NO.	DESCRIPTION	QUANTITY
1	Drafting table	5 nos.
2	Cutting table	5 nos.
3	Pressing table	5 nos.
4	L- Squad	20 nos.
5	Curved Stick	20 nos.
6	Treadle moterised sewing machine	20 nos.
7	Treadle lock stitch machine	5 nos.
8	Over lock machine (3-7) Threads	2 nos.
9	Button hole machine/ Button fixing machine	5 nos. each
10	French curves	20 nos.
11	Steam Iron	5 nos.
12	Dummy	5 nos.
13	Mirror (Full Size)	2 nos.
14	Marking Wheel	10 nos.
15	Trimmers	20 nos.
16	Seam rippers Big & Small trimming scissors, marking wheel	10 nos. each
17	Measuring tapes	20 nos.
18	Pattern knotcher	5 nos.
19	Scissors 25 cm	5 nos.
20	Scissors left hand 25 cm	5 nos.
21	Machine Scissors, Trimming edge 7"	5 nos.
22	Machine attachment- zipper foot, tucker foot, hem folder, zigzag foot	5 nos.
23	Mannequins and dress form ladies	1 nos.
24	Pinking Scissors	10 nos.
25	Thimbles-steel	20 nos.