

4510 - QUALITY CONTROL										
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)					
Lectures	Practical	Credit			Theory		Practical Ex.		Total	
3	1	4	25	25	3 Hrs	100	-		150	
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total	
Nil		GAT		75	25	100	25	-	125	

Rationale- The course aims at familiarizing students with various quality aspects, standards and specifications used in garment manufacture.

COURSE CONTENTS		Hrs	Mks
1. INTRODUCTION		12	20
Definition of quality standards in a garment industry, SQC & TQC, ISO 9000 and TQM. SGS labs, BTRA, Textile committee, a list of companies. Different types of quality inspection -spot, stage, random and final.			
2. APPAREL STANDARDS		12	20
Specification sheets and how to follow them. How to fix some specifications in each part or in a total garment and the some industry related symbols and abbreviations used. Way in which they can be followed in production.			
3. QUALITY PROBLEMS & RECTIFICATIONS		14	40
Knitting faults, pilling, slipped stitches, staggered stitches, unbalanced stitches, variable stitch density, needle, bobbin or looper thread breakage, puckering, weaving defects, printing or embroidery defects, mismatched patterns, colour change (shading, Barre, streaks), poor cutting, bowing, holes, inconsistent widths, wavy selvages, colour loss on washing, shrinkage, etc. Rectifications by NACERAP and sealer samples.			

4. MEASUREMENT METHODS

10 20

Measurement methods- Direct, from sample, breast or proportionate systems (shoulder and height systems included) average measurements and proper measurements.

Total

48 100

REFERENCE BOOKS

1. The Technology of Clothing Manufacture by Harold Cau & Barbara Lathan
2. Introduction to Production Management by A. J. Chuter, Blackwell Science

