

4505 – TEXTILE CONSTRUCTION									
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)				
Lectures	Practical	Credit			Theory		Practical Ex.	Total	
2	2	4	25	25	3 Hrs	100	-		150
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total
1053		GAT		75	25	100	25	-	125

Rationale: The course gives knowledge to the student on the various methods of textile construction whereby the student is able to recognise different types of weaves and fabric.

COURSE CONTENTS		Hrs	Mks
1. INTRODUCTION TO TEXTILE CONSTRUCTION		2	5
2. WEAVING		14	40
Introduction, loom and parts, chief operations in the process of weaving selvedge, count of cloth, balance of cloth, the different kinds of weaves -plain, twill, satin, novelty weaves, Dobby, Jacquard, narrow fabrics.			
3. OTHER METHODS		10	30
Knitting, felting, lace making, knotting, braiding, crochet, tatting, bonding, etc.			

4. INTERLINING AND FUSING

6 25

Fusing technology –Base cloth, resins coatings and bonding.

Total

32 100

PRACTICAL

Practical shall be based on prescribed syllabus and a journal shall be maintained with samples of work collected by students of different textile swatches.

REFERENCE BOOKS

1. Watson's Advanced Textile Design by Z. J. Grosieki- Newnes Butterworths Publications
2. Watson's Textile Designing & Colour by Z. J. Grosieki—Universal Publishing Corp., Mumbai-India
3. Fabric Forming by B. Hasmukhrai B.K. Keshavan-SSM Inst. Of Textile Tech. Students corporate stores Ltd, Komalapalayan, TN-83
4. Introduction To Textiles by Mary L.Cowan, Matha & Jurguman, D.B. Tarapraada sons & Co. Pvt. Ltd. Apt Ind Est. Worli, Mumbai-18
5. The Joy of Hand Weaving by Osina Gallinger Tod Dover Publication Inc. N.Y. 180 Narich St N.Y.-10014.

