

SYLLABI OF COURSES FOR DIPLOMA PROGRAMME IN GARMENT TECHNOLOGY, LEVEL I-V

1052 - TEXTILE FIBRES									
Teaching Schedule Per Week			Progressive Assessment	Examination Schedule (Marks)					
Lectures	Practical	Credit		Theory		Practical Ex.	Total		
4	-	4	25	-	3 Hrs	100	-	125	
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total
Nil		GAT		75	25	100	-	-	100

Rationale- This course will enable the student to gain knowledge of different fibres and the raw materials used. She will also be aware of the different methods of manufacture of textile fibres and their properties and classification.

COURSE CONTENTS		Hrs	Mks
<b>1. CLASSIFICATION OF FIBRES</b>		4	10
Natural fibres -Animal fibres, vegetable fibres and mineral fibres, manmade fibres, synthetic fibres.			
<b>2. NATURAL FIBRES</b>		38	50
Vegetable fibres, cotton, linen, jute and minor vegetable fibres, animal fibres - Wool, silk and minor animal fibres, mineral fibres - glass or asbestos.			
<b>3. MANMADE FIBRES</b>		12	20
Viscose Rayon.			
<b>4. SYNTHETIC</b>		10	20
Nylon, Dacron, Acetate, recent developments in synthetic fibres.			
<b>Total</b>		64	100

**REFERENCE BOOKS**

1. Textiles - 6th edition -Norma Hollen, Jane Saddler, Anna L. Langford, Sara J. Kadolph Mac Millan Publishing Co, New York 866, 3rd Avenue N. Y, N. Y. - 10022
2. The Standard Handbook of Textiles - A. J Hall Butterworths Publications
3. Textiles - Fibre to Fabric - Bernard P. Corbman - Gregg Division Mc Graw Hill Book Co
4. Fundamentals Of Textiles & Their Care - Susheela Dantiyagi Orient Longman Ltd, 1/24 Asaf Ali Road, New Delhi. - 11002
5. Textile Fibres - Techniques of Textile Processing Dr. V. A. Shenai

