

#### 4-Year U.G. Degree Syllabus

### B. Design- Fashion Design

#### Semester – VII

Subject	Credits	Total Hours	Marks			
Quality Assurance Management	4	60	Th 25	Pr -	Th 75	Pr -
Practical			Internal	External	Total	

#### OBJECTIVE:

The learner will be able to-

- 1) Explain the importance of quality at designing ,merchandising ,delivery and retailing point.
- 2) Identify the complexity of managing quality in apparel manufacturing from fiber ,fabric. to apparel

#### CONTENT:

Block No	Objective	Topic/Content Analysis	Assignment	Marks
1	To be able to explain the importance of quality in fashion industry at mentioned points .	Introduction –What is quality? Why quality is important? Inspection - -Raw material inspection -In process inspection -Final inspection -How much to inspect -Definitions of fabric defects -Packaging -British standards of interest to garment manufacturers - ISO standards of interests to garment manufacturers	Comparison of three brands of to find out difference in term of quality in apparel industry	25
2	To be able to express the quality parameters for given specified tests.	Textile Testing & Product Evaluation -Precision & Accuracy of Test Methods -Atmospheric conditions for testing Testing Standards for Yarns used for making fabrics Yarn strength and elongation -Yarn number -Yarn twist Testing Standards for fabrics used for apparel -Strength properties -Fabric stretch properties -Dimensional changes in apparel due to laundering, dry-cleaning, steaming & pressing. -Needle cutting / yarn severance	Report on the visit to a textile testing lab.to understand the importance of testing methods and its relation to quality	25

		-Sew-ability of fabrics -Bow and skewness (Bias) in woven and knitted fabrics -Soil and stain release testing -Fabric thickness -Abrasion resistance -Wear testing -Color fastness Testing Standards for related accessories used in apparel -Testing of fusible interlinings -Testing of zippers -Elastic waistband testing -Sewing Threads Understanding Ecological aspects		
3	To be able to develop care label and quality cost	Care Labeling of apparel  Quality cost  Quality management	Presentation of reports on different types of label used for different categories of clothing.	25
4	To be able to explain about the various standards used in apparel industry	Standards-Introduction, benefits, levels, sources (ASTM, ISI,BSI,ISO)	Presentation on the type of problems occur during the manufacturing of apparel.	25

#### Evaluation pattern –

Internal Assessment: Class Assignments and class test - To Be Converted In To 25

External Assessment: Final Exam - 75 Marks.

#### REFERENCE BOOKS:

1. Adolph S.J. (1998), *"Quality Assurance for textiles and apparel"*, Fairchild Publicaions, New York
2. DR. S. Das (2009), *"Quality Characterisation of apparel"*, Woodhead Publishing India pvt.Ltd.
3. Mehta P.V., Bhardwaj S. (1998), *"Managing quality in the apparel industry"*, New Age International Ltd...
4. Mehta P.V. (2004), *"An Introduction to Quality Assurance for the Retailers"*, I Universe, Inc.