

Department of Home Science

Pool of Generic Elective Courses (GE)

B.A (Prog.) with Apparel Design and Construction (ADC)

GENERIC ELECTIVE COURSE – GE-1-ADC: APPAREL DESIGN AND CONSTRUCTION

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course Title & Code	Credits	Credit distribution of the course			Eligibility Criteria	Prerequisite of the course
		Lecture	Tutorial	Practical/ Practice		
Apparel Design & Construction	4	2	0	2	Class XII Pass	NIL

Learning Objectives:

To familiarise the students with the terminologies and concepts related to apparel design and its construction

Learning Outcomes:

- After completing this course, the learner will be able to:
- Define the basic sewing and pattern making terminologies
- Describe and use the tools used for measuring, drafting, pinning, marking and cutting, sewing and pressing.
- Explain the steps and processes used in Clothing construction
- List the different parts of a sewing machine and their functions
- Identify the causes of working defects of sewing machines and suggest their remedies
- State the apparel categories
- Take body measurements correctly
- List and describe the factors influencing designing garments for different seasons, age groups, occasions & profession
- Classify fibre types and list examples
- Describe the basic processes of dyeing and printing fabrics.
- Do basic hand stitches such as basting, hemming, back stitch and running
- Make use of basic seams for constructing garments
- Construct a few women's garment using the direct method of cutting fabrics and sewing.
- Use tie and dye technique to design an article.

SYLLABUS OF GE-1-ADC

THEORY (Credits 2; Hours 30)

UNIT I: Apparel Design and Pattern Development

10 Hours

This unit introduces the students to classification of apparels and concepts related to design and development of garment patterns.

- Apparel Classification
- Body measurements – Correct procedure of taking body measurements.
- Methods of pattern development: Drafting, Flat pattern making, Draping
- Garment designing according to age, climate, occasion, occupation

UNIT II: Introduction to Textiles

8 Hours

This unit provides basic understanding of textile fibres and fabrics.

- Common Fibre types – natural and man-made
- Introduction to methods of fabric construction – woven, knitted, non-woven
- Fabric Glossary of commonly available fabrics
- Common methods of dyeing and printing – tie & Dye, Block Printing

UNIT III: Introduction to Apparel Construction

12 Hours

This unit imparts knowledge regarding terms, equipment and processes connected with apparel construction.

- Common terms: Apparel, basting, seam finishing, Dart, Gathers, Seam allowance, Pattern, Grading, Notch, Stay stitching, Yoke, Gusset, Basic blocks
- Fabric grain- types, identification and importance in apparel construction
- Tools and equipment required for measuring, drafting, pinning, marking and cutting, sewing, pressing
- Steps in clothing construction- pre-shrinking, grain straightening, layout, pinning, marking, cutting, sewing, pressing
- Main parts of a sewing machine and their functions, Common sewing problems & remedies, care of machine, safety measures to be taken while sewing

PRACTICAL
(Credits 2; Hours 60)

1. Basic hand stitches – basting, hemming, back stitch, running
2. Seams – plain seam, French seam, Top-stitching
3. Preparation of body measurement chart for self.
4. Construction by direct method: (any one in each category)
 - Women’s upper garment – Kameez/ kurti/ Blouse
 - Lower garment – Palazzo/ Petticoat/ skirt
5. Tie and Dye samples – Stripes, Tritik, folds, knots
6. Preparation of an article by tie and dye

ESSENTIAL READING:

- Armstrong H. (2009). *Pattern Making for Fashion Design*. New York: Collins Publishers.
- Colton V. (1995). *Reader’s Digest- Complete Guide to Sewing*. New York: The Reader’s Digest Association, Inc.
- Joseph M.L. (1988). *Essentials of Textiles* (5th Edition). Florida: Rinehart and Winston Inc.
- Marshall S G, et al. (2009). *Individuality in Clothing & Personal Appearance* (6th Edition). USA: Pearson Education

SUGGESTED READING:

- Amita, A. Stamper A., et al. (2005). *Evaluating Apparel Quality*. New York: Fairchild publications
- Kindersley D. (1992). *The Complete Book of Sewing*. London: Dorling Kindersley Limited.
- Sinclair R. (2015). *Textiles and Fashion: Materials, Design and Technology*. New York: Woodhead Publishing Limited.
- Verma, P. (2003). *Vastra Vigyan Evam Paridhan*. Bhopal: Hindi Granth Academy
- Zarapkar K. R. (2017). *System of Cutting*. New Delhi: Navneet Education (India) Limited.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.