



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

Model Syllabus for 4-Year UG Honours in B.Sc. (Home Science) as Major in consonance with Curriculum framework w.e.f. AY 2026-27

Prepared by Sri Venkateswara University, Tirupati

COURSE STRUCTURE

Year	Semester	Course	Title of the Course	No. of Hrs /Week	No. of Credits
II	IV	8	Fundamentals of Garment Construction	3	3
			Fundamentals of Garment Construction-Practical	2	1
		9	Nutrition During Life Span	3	3
			Nutrition During Life Span-Practical	2	1
		10	Extension Education and Community Development	3	3
			Extension Education and Community Development-Practical	2	1

SEMESTER - IV

COURSE 8: FUNDAMENTALS OF GARMENT CONSTRUCTION

Theory

Credits: 3

3 hrs/week

Outcomes of the course

At the end of the course the students will be able to

- 1 Remember and explain different sewing equipment used in garment construction.
- 2 Recall the different parts of sewing machine and its function.
- 3 Learn to identify the defects and to know the adjustments of sewing machine.
- 4 Learn different body measurements to stitch a garment.

THEORY

Unit-I Equipment in Garment Construction

- Equipment- Measuring, Drafting, marking, sewing and finishing equipment.
- Sewing Machine – Parts of sewing machine, Defects and causes, adjustments in sewing machine and care of sewing machine.
- Types of sewing machine- Mechanical, Electronic, Computerized or Automated, Embroidery Machine , Over lock Sewing Machine

Unit - II Body Measurements and Pattern Making

- Recording of body measurements- Importance- Types of measurements – vertical, Horizontal and Girth measurements. Care to be taken in body measurements.
- Pattern making- Methods of pattern making -Drafting, draping and flat pattern making,
- Drafting – Tools for drafting— Points to be kept in mind while drafting.

Unit - III Estimation and Preparation of the Fabric and Pattern Layout

- Estimation of fabric for different garments-saree-petticoat, salwar and kameez.
- Importance of grain in fabric for cutting and garment construction.
- Steps in Preparation of fabric for cutting
- Pattern Layout – Importance, guidelines and care to be taken in pattern lay out
- Fabric Cutting – Guidelines to cut out pattern pieces.

Unit -IV Garment Components

- Necklines – Types of necklines.
- Collars-Factors in designing collar styles, shapes and kinds of collars.
- Sleeves – Categories and styles of sleeves.
- Yokes – Factors for selection of yokes design and types of yokes.

Unit-V Garment Fitting

- Elements of fit – grain, set, line, balance and ease
- Readymade garments –Selection and examination for quality, fitting and shape
- Tailor made and Homemade garments – examination for fitting and shape
- Comparison of readymade, tailor and homemade garments

SEMESTER - IV

COURSE 8: FUNDAMENTALS OF GARMENT CONSTRUCTION

Practical

Credits: 1

2 hrs/week

1. Basic Stitches – Temporary, permanent and neat ending finishes.
2. Seam and seam finishes.
3. Neckline finishes – Bias, Binding and shaped finishing.
4. Plackets – Continuous bound and two piece plackets.
5. Sleeves – Plain, Puff and bell sleeve.

REFERENCES

1. Mary Mathews (2001). Practical clothing construction part I & II Designing drafting & tailoring, Cosmic Press, Chennai.
2. Manmeet Sodhia. (2005). Dress Designing, 1st edition, Kalyani Publishers.
3. Pooja Khurana & Monika Sethi (2017). Introduction to Fashion Technology, 2nd edition, 2017, FireWell Media.
4. Premalata Mullick. (2019). Garment Fabrication and Designing, 1st edition, Kalyani Publishers.
5. Premalata Mullick (2010). Garment Construction Skills, 1st edition, Kalyani Publisher
6. Sumathi, G.J. (2002). Elements of Fashion & Apparel Design, 1st edition New Age International (P) Ltd.
7. Sushma Gupta, Neeru Garg, Renu Saini. (2018). Text book of clothing, textiles and laundry, 8th edition, Kalyani publishers.

CO- CURRICULAR ACTIVITIES

1. Seminar/ Assignment / Quiz /Group Discussion
2. Use of ICT in Class reports and Seminars.
3. Visiting nearby tailoring units and observing different garment components.
4. Visiting nearby Ready-made clothing shops and observing different garment component.

4- Year UG Honours, Major
Syllabus
(2026-27)
Semester-IV

Model Question Paper

Time : 3hrs

Marks:75

Part-A

Answer any Five Questions. Each Question carries 3 Marks.

5x3=15

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Answer the following questions. Each question carries 12 Marks

5x12=60

11. a) Unit-I
(Or)
b) Unit-I

12. a) Unit-II
(Or)
b) Unit-II

13. a) Unit-III
(Or)
b) Unit-III

14. a) Unit-IV
(Or)
b) Unit-IV

15. a) Unit-V
(Or)
b) Unit-V