



SHIVAJI UNIVERSITY, KOLHAPUR

SYLLABUS (SEMESTER PATTERN)

FOR B.A. II- HOME SCIENCE

1. TITLE : Revised Syllabus (Semester Pattern)
B.A. Part II (Home–Science)
Under Faculty of Science.
2. YEAR OF IMPLEMENTATION : Revised Syllabus will be implemented from
June 2011 onwards.
3. DURATION : B.A. II – Two Semester (one year)
4. PATTERN OF EXAMINATION : Semester
 - a) Theory Examination : At the end of each semester as per Shivaji University Rule.
 - b) Practical examination :i) In first semester(Paper No.III &IV) there will be internal assessment of practical record and related report submission.
ii) In second semester(paper No.V &VI) there will be external practical examination.
5. MEDIUM OF INSTRUCTION : English / Marathi
6. STRUCTURE OF COURSE : B.A. Part – II
 - Two Semesters
 - Four Papers.

Sr. No.	Paper No.	Semester	Name of the subject	Distribution of Marks		
				Theory	Practical	Total
1	III	III	Fundamentals of Family Resources	40	10	50
2	IV	III	Textile Science	40	10	50
3	V	IV	Family Resource Management	40	10	50
4	VI	IV	Fundamentals of Clothing Construction	40	10	50

7. SCHEME OF TEACHING :

Sr. No.	Paper No.	Semester	Name of the subject	Distribution of Marks		
				Theory Lecturers/week	Practical Lecturers/batch/week	Total
1	III	III	Fundamentals of Family Resources	2	2	4
2	IV	III	Textile Science	2	2	4
3	V	IV	Family Resource Management	2	2	4
4	VI	IV	Fundamentals of Clothing Construction	2	2	4

8. SCHEME OF EXAMINATION:

A) Theory

- The Theory Examination shall be at the end of each Semester.
- All theory papers shall (No. III, IV,V&VI) shall carry 40 marks for Theory papers.
- Evaluation of the performance of the students in theory shall be on the basis of Semester Examination as mentioned above.
- Question paper will be set in the view of the entire syllabus preferably covering each unit of the syllabus.
- Nature of Question paper for Theory Examination
 - There will be one objective type question (multiple choice) having 5 marks.
 - One short note type question having 15 marks (Three out of five)
 - One descriptive question having 20 marks (Two out of three)
- Evaluation of the performance of the students in Practical shall be on the basis of Semester Examination (Internal assessment at the end of

IIIrd Semester and External Examination at the end of IVth Semester) as mentioned separately in the syllabus of each paper.

B) Practical

- There will be internal assessment of practical conducted and related records submitted in 1st semester of Paper No .III and IV which having maximum 10 marks.
 - There will be external examination of practical at the end of 2nd semester of Paper Vth and VIth which having maximum 10 marks.
 - The marks obtained out of 10 marks in 1st and 2nd semester shall considered as internal marks as per faculty of social sciences.
- Standard of Passing:
 - In order to pass in a theory and practical a candidate shall have to secure 35% marks in each theory and practical at the University. Candidate shall be declared to have passed the examination in pass class if he / she pass in all the four papers.
 - A practical will be separate head of passing.
 - In order to secure IInd class, a candidate shall have to secure at least 45% or more marks.
 - In order to secure Ist class, a candidate shall have to secure at least 60 % or more marks.
 - In order to secure Ist class with distinction, a candidate shall have to secure at least 70 % or more marks.

Equivalence of Papers

Old (Annual Pattern)		Revised (Semester Pattern)		
Paper No.	Title of the Paper	Paper No.	Semester	Title of Paper
II	Family Resource Management	III	III	Fundamentals of Family Resources
		V	IV	Family Resource Management
III	Textile And Clothing	IV	III	Textile Science
		VI	IV	Fundamental of Clothing Construction

B.A. II (HOME SCIENCE) – SEMESTER III
PAPER III – FUNDAMENTALS OF FAMILY RESOURCES

WORK LOAD :	TOTAL MARKS: 50
THEORY : 2 Lectures/ Week	THEORY : 40
PRACTICAL : 2 Lectures/ Week / Batch	PRACTICAL : 10

Objectives:

1. To create an awareness among the students about family resources.
2. To recognize the importance of wise use of resources in order to achieve goals.

COURSE CONTENT

THEORY

Unit I -- FAMILY RESOURCES

- a) Definition and Classification
- b) Characteristics
- c) Importance
- d) Way to improve the use of Family Resources

Unit II -- FAMILY INCOME

- a) Definition and Types of Income
- b) Sources of family income
- c) Saving – Definition, Objectives, Types and Schemes
- d) Investment – Definition, Schemes, guiding principles

Unit III – TIME AND ENERGY

- a) Time – Concept, definition, types and importance
- b) Energy – concept and definition of human energy and fatigue
- c) Types of fatigue
- d) Body Mechanics

Unit IV – WORK SIMPLIFICATION

- a) Definition
- b) Importance
- c) Classes of change
- d) Techniques of work simplification

PRACTICAL:

- 1) Visit to saving / investment unit and report writing of the same.
- 2) Observation of Time utilization pattern of family regarding work time, leisure time and rest period.
- 3) Determining comfortable reach and maximum reach in vertical and horizontal plain.
- 4) Conducting the experiment to study the techniques of work simplification.
 - a. Process chart
Activities – Bed making / setting a dining table.
 - b. Operation chart
Activities – Paring potatoes / cutting vegetable.
 - c. Pathway chart
Activities – Tea preparation / setting utensils

Internal Assessment of regular practical work and : 10 marks
Submission of records

REFERENCE

- 1) Nickel P., Dorsey J.M.
Management in family living
Wiley of Eastern, New Delhi
- 2) Irma H. Gross, Elizabeth Crandall, Marjonis Knoll
Management for Modern Families
Prentice Hall Inc, Englewood cliffs,
New Jersey.
- 3) Dr. Kour H., Dr. C. Macneil
Theory and Practices of Home Management
Subject Publication, New Delhi.
- 4) Maneesha Shukuil, Veena Gandotra
Home Management And Family Finance
Dominant Publishers and distributors, New Delhi.
- 5) डॉ. आशा निमकर, प्रा. क्षमा लिमये
प्रगत गृहव्यवस्थापन,
साहित्य प्रसार केंद्र, नागपूर
- 6) डॉ. भाग्यलक्ष्मी मुन्शी, डॉ. नंदिनी जठार
गृहव्यवस्थापन, पिंपळापुरे अँड कं. पब्लीशर्स, कोल्हापूर
- 7) डॉ. मीना काळेले
कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट,
पिंपळापुरे अँड कं. पब्लीशर्स, नागपूर
- 8) डॉ. विद्या कोल्हटकर
आधुनिक गृहव्यवस्थापन आणि गृहसजावट
विश्व पब्लीशर्स अँड डिस्ट्रीब्युटर्स, नागपूर
- 9) त्रिवेणी फरकाडे, सुलभा गोंगे
कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट,
पिंपळापुरे अँड कं. पब्लीशर्स, नागपूर

B.A. II (HOME SCIENCE) – SEMESTER III
PAPER IV – TEXTILE SCIENCE

WORK LOAD :	TOTAL MARKS: 50
THEORY : 2 Lectures/ Week	THEORY : 40
PRACTICAL : 2 Lectures/ Week / Batch	PRACTICAL : 10

Objectives:

1. To enable student to acquaint with the different textile fibers and fabric.
2. To impart knowledge of different textile process and finishes.
3. To impart the skills of fabric printing.

COURSE CONTENT

THEORY

Unit I -- TEXTILE FIBRES

- a) Definition
- b) Classification – according to length, physical properties and source
- c) Properties and uses of cotton, silk, wool, rayon, polyester, nylon, acrylic

Unit II -- YARNS

- a) Definition and classification of Yarns – Basic and Novelty Yarns
- b) Yarn count and Yarn twist

Unit III – FABRIC CONSTRUCTION:

- a) Types and parts of loom
- b) Warp and weft yarns
- c) Definition and classification of weaves
 - Basic – Plain, twill, satin and sateen
 - Novelty – Jacquard, leno, gauze, pile, spot, lappet
- d) Fabric count

Unit IV – FINISHES

- a) Definition
- b) Classification
 - i. Physical Finishes – Singeing, brushing, sizing, tentering, sanforising, calendaring
 - ii. Chemical finishes – souring, bleaching, mercerizing
 - iii. Special finishes – Water resistant, crease resistant, fire proof

PRACTICAL:

- 1) Identification of weaves:
 - a. Basic - Plain, twill, satin, rib, basket
 - b. Novelty- Jacquard, leno, pile, gauze, lappet, spot
- 2) Sample collection of any five weaves.
- 3) Preparation of sample by Tie and Dye printing (single and double colour)
(sample size – 10 x 10 inch)
- 4) Preparation of sample by Block Printing (sample size – 10 x 10 inch)
- 5) Preparation of sample by Stencil Printing (sample size – 10 x 10 inch)
- 6) Study tour to Textile Industry / Textile Institute / Garment Industry / Fashion Institute/ Textile department of Home Science College

Internal Assessment of regular practical work and : 10 marks

Submission of records

REFERENCE :

- 1) K. Thomas,
Know about fabric and their manufacture
Abhishek Publication, Chandigarh.
- 2) Sumitra Aggarwal
Textile and Laundry -
Sristhi Book Distriution,
New Delhi.
- 3) प्रा. सौ. सुनिता काळे (पवार)
वस्त्रशास्त्र
पवन प्रकाशन, परभणी
- 4) डॉ. प्रा. विमल अढाऊ
वस्त्रशास्त्र
महाराष्ट्र विद्यापीठ ग्रंथ निर्माती मंडळ, औरंगाबाद
- 5) Lorbman B-P
Textile Fibre to Fabric
McGraw Hill, New York
- 6) Durga Dewalkar
Household Textile and laundry work,
Atmaram and sons, Delhi
- 7) डॉ. उज्वला वैरागडे, प्रा. अन्विता अग्रवाल,
वस्त्रशास्त्राची संकल्पना व फॅशन डिझाईनिंग,
विद्या बुक्स पब्लिशर्स, औरंगाबाद.

B.A. II (HOME SCIENCE) – SEMESTER IV
PAPER V – FAMILY RESOURCE MANAGEMENT

WORK LOAD :	TOTAL MARKS: 50
THEORY : 2 Lectures/ Week	THEORY : 40
PRACTICAL : 2 Lectures/ Week / Batch	PRACTICAL : 10

Objectives:

1. To create an awareness among the students about management of family resources.
2. To aware students about consumer problems, rights and responsibilities.

COURSE CONTENT

THEORY

Unit I -- MANAGEMENT PROCESS

- a) Definition and basic concept of Family Resource Management
- b) Steps in management process
 - Planning – Definition, steps, characteristics, importance
 - Controlling – Definition, phases of energizing process, Types supervision- Direction and guidance.
 - Evaluation – Definition, types
- c) Importance of Family Resource Management

Unit II -- MOTIVATING FACTORS IN FAMILY RESOURCE MANAGEMENT

- a) Values – Definition, Characteristics, Classification, Sources
- b) Goals – Definition, Classification
- c) Standard – Definition, Classification – qualitative and quantitative, conventional and non-conventional.

Unit III – DECISION MAKING

- a) Definition and importance
- b) Steps in Decision making
- c) Types of Decisions
- d) Factors affecting Decision making process.

Unit IV – CONSUMER ISSUES AND EDUCATION

- a) Definition and Role of consumer
- b) Consumer problems
- c) Right and Responsibilities of consumer
- d) Sources of consumer information – Advertisement, Labels, Consumer Protection Act

PRACTICAL:

- 1) Planning of any one activity using steps of planning.
- 2) Household survey on consumer problems and awareness.
- 3) Analysis of different labels of consumer products.
- 4) Collection of sample label of consumer products.
- 5) Collection of printed advertisements of consumer products or consumer services (minimum 5)

Practical Examination:	10 marks
Nature of Examination - External	
Nature of Question Paper	
Q. 1 Completion and submission of record of practical and related activities	5 marks
Q. 2 Viva-voce on the same	5 marks

REFERENCE

- 1) Nickel P., Dorsey J.M.
Management in family living
Wiley of Eastern, New Delhi
- 2) Irma H. Gross, Elizabeth Crandall, Marjonis Knoll
Management for Modern Families
Prentice Hall Inc, Englewood cliffs,
New Jersey.
- 3) Dr. Kour H., Dr. C. Macneil
Theory and Practices of Home Management
Subject Publication, New Delhi.
- 4) Maneesha Shukuil, Veena Gandotra
Home Management And Family Finance
Dominant Publishers and distributors, New Delhi.

- 5) डॉ. आशा निमकर, प्रा. क्षमा लिमये
प्रगत गृहव्यवस्थापन,
साहित्य प्रसार केंद्र, नागपूर
- 6) डॉ. भाग्यलक्ष्मी मुन्शी, डॉ. नंदिनी जठार
गृहव्यवस्थापन, पिंपळापुरे अँड कं. पब्लीशर्स, कोल्हापूर
- 7) डॉ. मीना काळेले
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- 8) डॉ. विद्या कोल्हटकर
आधुनिक गृहव्यवस्थापन आणि गृहसजावट
विश्व पब्लीशर्स अँड डिस्ट्रीब्युटर्स, नागपूर
- 9) त्रिवेणी फरकाडे, सुलभा गोंगे
कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट,
पिंपळापुरे अँड कं. पब्लीशर्स, नागपूर
- 10) Premavathy Seetharaman, Mohini Sethi
Consumerism: Strategies and Tactics
CBS Publishers and Distributors, New Delhi
- 11) प्राची जावडेकर
ग्राहक संरक्षण कायदा
उन्मेष प्रकाशन, पुणे
- 12) वर्षा घाटपांडे, विनता कुलकर्णी
वस्त्रशास्त्राची मुलतत्वे (for consumer awareness)
निलकंठ बुक्स, पुणे
- 13) डॉ. बेला भार्गव
घरेलू बजट एवं क्रयशक्ती प्रबंध
जैना पब्लीशर्स, जयपुर
- 14) सौ. लिना कांडलकर
गृहअर्थशास्त्राची मुलतत्वे,
विद्याप्रकाशन, नागपूर

B.A. II (HOME SCIENCE) – SEMESTER IV
PAPER VI – FUNDAMENTALS OF CLOTHING CONSTRUCTION

WORK LOAD :	TOTAL MARKS: 50
THEORY : 2 Lectures/ Week	THEORY : 40
PRACTICAL : 2 Lectures/ Week/ Batch	PRACTICAL : 10

Objectives:

1. To enable student to acquaint with the clothing construction.
2. To impart knowledge of different clothes and their uses.

COURSE CONTENT

THEORY

Unit I -- CLOTHING

- a) Importance of clothing
- b) Equipment used in Drafting, cutting, stitching and finishing.

Unit II -- FACTORS INFLUENCING SELECTION OF FABRICS

- a) Age, season, occupation, fashion, occasion, standard of living
- b) Price, budget, advertizing
- c) Colour fastness, durability and other properties of fabric, textile knowledge and interest

Unit III – CLOTHING CONSTRUCTION

- a) Body Measurements – importance, types, guidelines for taking body measurements.
- b) Paper pattern – importance, types
- c) Types of folds and lay-out

Unit IV – BASIC ELEMENTS OF CLOTHING CONSTRUCTION

- a) Seams – Plain, French, flat-fell, overcasting
- b) Darts – Close, open, double
- c) Tucks – Pin, corded, cross tucks, graduated tucks
- d) Pleats – Plain, side, box, inverted box

PRACTICAL

- 2) Preparation of sample of the following (sample size – 10 cm x 10 cm)
 - a. Seams -
 - i) Plain
 - ii) French, Flat-fell, overcasting (any one)
 - b. Dart – Close, open, double (any two)
 - c. Tucks – Pin, corded, cross, graduated (any two)
 - d. Pleats – Plain, side, box, inverted box (any two)
- 3) Drafting, cutting, stitching and finishing of diaper (8 shape nappy)
 - Measurements - Length - 30 cm (12 inches)
- Width – 30 cm (12 inches)
- 4) Drafting, cutting, stitching and finishing of Baby Frock with chest line yoke and back open.
 - Measurements - Length – 35 cm (14 inches)
- Round Chest – 46 cm (18 inches)
- Round Neck – 23 cm (9 inches)
- Yoke height – 10 cm (4 inches)
- Half shoulder – 10 cm (4 inches)

Practical Examination: 10 marks

Nature of Examination – External

Nature of Question paper

- | | | |
|------|--|---------|
| Q. 1 | Preparation of any one sample of the following
Seams/ Darts / Tucks / Pleats
(sample size – 10 cm x 10 cm) | 2 marks |
| Q. 2 | Preparation of full scale paper patten of any one of the
following. <ol style="list-style-type: none">a) Baby Frockb) Diaper | 3 marks |
| Q. 3 | Garment submission | 3 marks |
| | Frock - 2 marks | |
| | Diaper - 1 mark | |
| Q. 4 | Journals | 2 marks |

REFERENCE :

- 1) M.K. Singh – Textile Management and Home
Discovery Publishing House, New Delhi.
- 2) Nirupama Punir – Fashion Technology – Today and tomorrow
Mittal Publication, New Delhi.
- 3) Sushama gupta, Neeru Gorg, Renu Saini,
Text Book of Clothing, Textile and Laundry –
5th Extension Kalyani Publishers, Ludhiana.
- 4) Manmeet Sodhia – Dress Designing
Kalyani Publishers, Ludhiana
- 5) पद्मावती भिसे - सोपे शिवणकाम
मॅजेस्टीक बुक स्टॉल, मुंबई
- 6) प्रा. सौ. सुनिता काळे (पवार) - वस्त्रशास्त्र
पवन प्रकाशन, परभणी
- 7) कृ.म. हेगडे - शास्त्रोक्त शिवणकला भाग १ व २
हेगडे टेलरींग कॉलेज, पुणे
- ८) श्री. का. रा. झारापकर - झारपकर शिवणशास्त्र- आधुनिक कपडे भाग १ व २
झारापकर प्रकाशन, मुंबई
- ९) श्रीमती मंजू पाटनी - पारीवरीक परिधान एवं व्यवस्था
स्टार प्रकाशन, आग्रा

Sem.- III & IV

Total- 40 Marks

Question -1	Objective (Multiple Choice)	05 Mark
Question -2	Short Note (3 Out of 5)	15 Mark
Question -3	Broad question (2 Out of 3)	20 Mark