



“Education for Knowledge, Science and Culture”
-Shikshahmaharshi Dr.Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha s
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



Syllabus

Home Science

Revised Syllabus

B.A Part II (CBCS)

With effect from June 2022



“Education for knowledge, Science and Culture”
Shikshanmaharshi Dr.Bapuji Salunkhe
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VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)
B .A. PART –II CBCS Syllabus with effect from June 2022

**REVISED SYLLABUS (SEMESTER PATTERN) FOR B.A. II – HOME
SCIENCE
CBCS PATTERN**

1. TITLE : B.A. Part II (Home–Science)
Under Faculty of Interdisciplinary
2. YEAR OF : New Syllabus (CBCS Pattern) (Semester Pattern)
will IMPLEMENTATION be implemented from June 2022 onwards.
3. DURATION : B.A.II – Two Semesters (One Year)
4. PATTERN OF : Semester (CBCS Pattern)
EXAMINATION Practical– Internal Evaluation
5. MEDIUM OF : English or Marathi.
INSTRUCTION
6. STRUCTURE OF : B.A. Part – II
COURSE Two Semesters
Four Papers



Credit System and Workload

Sr No	Semester	Title of the Course	Discipline	Distribution of Credits			Workload			Distribution of Marks		
				Theory	Practical	Total	Theory	Practical	Total	Theory	Practical and CIE	Total
1	III	B.A. II	DSC 1023 C-1 Course III- Fundamentals of Interior Design	03	01	04	02	02	04	35	15	50
2	III	B.A. II	DSC – 1023 C-2 Course IV- Introduction to Food Preservation and Food Safety	03	01	04	02	02	04	35	15	50
3	IV	B.A. II	DSC – 1023 D-1: Course V- Fundamentals of Textile Science and Apparel Construction I	03	01	04	02	02	04	35	15	50
4	IV	B.A. II	DSC – 1023 D-2: Course VI- Development in Prenatal Period to Early Childhood	03	01	04	02	02	04	35	15	50



8. SCHEME OF EXAMINATION:

- The examination shall be at the end of each semester.
- All papers shall carry 35 marks for Theory , 10 marks for practical and 5 marks for CIE
- The evaluation of the performance of the students in theory shall be on the basis of semester examination as mentioned above.

Nature of question paper (Theory)

Time: 2 hrs

- All the questions are compulsory
- Q.1 Multiple Choice Questions 5
- Q.2 A Broad answer questions 10
OR
- B Broad answer questions
- Q.3 A Broad answer questions 10
OR
- B Broad answer questions
- Q. 4 Short note (Any 2 out of 3) 10

- The evaluation of the performance of the students in practical shall be on the basis of internal evaluation at the end of each semester.



9. Equivalence of Papers:

Old (Semester Pattern)		New (Semester Pattern)		
Paper No.	Title of the Paper	Paper No.	Semester	Title of Paper
III	Basics of Interior Design	III	III	Fundamentals of Interior Design
IV	Introduction to Food Safety and Preservation	IV	III	Introduction to Food Preservation and Food Safety
V	Fundamentals of Textile Science and Apparel Construction I	V	IV	Fundamentals of Textile Science and Apparel Construction I
VI	Introduction to Human Development	VI	IV	Development in Prenatal Period to Early Childhood



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SYLLABUS
Choice Based Credit System
B.A. Part – II Semester III
Home Science Course – 3 DSC 1023 C1
June 2022 onwards
Fundamentals of Interior Design

COURSE OUTCOME:

By the end of this course, students will be able to

CO 1 Apply elements and principles of design in interior decoration.

CO 2 Classify the colour wheel and demonstrate the colour scheme in interior decoration

CO 3 Compare furniture and apply furniture arrangement in different rooms

CO 4 Demonstrate flower arrangement, preparation and decoration

Total Credits: 4

Theory: 3Credits

Practical: 1Credit per batch

Workload:

Theory: 2 Lectures per week

Practical: 2 Lectures per week

(Each batch consisting of 15 to 20 students)

Teaching Hours: 45

Semester – III

Theory

Module 1: Fundamentals of Design	10
1.1 Elements of Arts	
1.2 Principles of Design	
1.3 Application of elements of arts and principles of design in Interior Decoration	
Module 2: Colour	15
2.1 Colour- Definition and Importance	
2.2 Dimensions of colour	
2.3 Classification of colour	
2.4 Effects of colour and colour schemes on Interior Decoration	
Module 3: Furniture Arrangement	10



- 3.1 Importance of furniture,
- 3.2 Types of furniture and material used for furniture
- 3.2 Selection of furniture, furniture arrangement in different rooms
- 3.4 Care and maintenance of furniture

Module 4: Flower arrangement and Flower Decoration **10**

- 4.1 Importance of flower arrangement and flower decoration
- 4.2 Material used for flower arrangement and flower decoration
- 4.3 Types of Flower Arrangement and Flower Decoration

Practical

Credit: 1 **30**

1. Preparation of primary, secondary and Tertiary colour and Colour wheel
2. Preparation of colour scheme
3. Preparation of Colour Hue
4. Demonstration and Preparation of types of flower arrangement
5. Demonstration and Preparation of types of flower decoration
6. Visit to Furniture shop/Mall/Manufacturing unit/ flower exhibition

Method of Internal Evaluation & Practical Evaluation

DSC (1023C1)

Sem III Course – 3

Total Marks: 15

Q.1 Assignment/Test	05
Q.2 Submission of Journal	05
Q.3 Viva	05

- **RECOMMENDED READINGS**
- **Interior Decoration in India Deongarikerry K .S.**
- **Encyclopedia of Interior Design and Decoration**
- **Heng Home furnishing Rutt Anna, Willey Eastern pvt.Ltd ,Delhi**
- गृहयोजना व अंतर्गत सजावट डॉ.वैरागडे,प्रा.लाटकर,प्रा.मुळे विद्याबुक्स पब्लिशर्स औरंगाबाद
- आधुनिक गृहव्यवस्थापण डॉ.वैरागडे,प्रा.लाटकर,प्रा.मुळे विद्याबुक्स पब्लिशर्स औरंगाबाद
- कौटुंबिक संसाधनाची संकल्पना लीना कांडलकर विद्या प्रकाशन नागपूर
- गृह अर्थशास्त्राची मुलतत्वे सौ.लीना कांडलकर विद्या प्रकाशन नागपूर



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Choice Based Credit System
B.A. Part - II Semester III
Home Science Course – 4 DSC 1023 C2
June 2022 onwards

Introduction to Food Preservation and Food Safety

COURSE OUTCOME:

By the end of this course, students will be able to

- CO 1 Explain the concept of food preservation and food safety
- CO 2 Assess food safety and food laws, standards, regulations .
- CO 3 Define the terms of food safety and food preservation
- CO 4 Describe the methods of food preservation .

Total Credits: 4

Theory: 3 Credits

Practical: 1 Credit

Workload:

Theory: 2 Lectures per week

Practical: 2 Lectures per week per batch
(Each batch consisting of 15 to 20 students)

Semester – III

Theory

Teaching Hours: 45

Module 1: Introduction to Food Preservation	5
1.1 Definition and concept of Food Preservation	
1.2 Objectives of Food Preservation	
1.3 Scope of Food Preservation Industry in India	
Module 2: Principles of Food Preservation	10
2.1 Principles of Food Preservation	
2.2 Common terms used in Food Preservation	
2.3 Factors affecting growth of micro-organisms	
Module 3: Methods of Food Preservation	15
3.1 Preservation by High Temperature	
3.2 Preservation by Low Temperature	
3.3 Preservation by Drying	



- 3.4 Preservation by Preservatives
- 3.5 Preservation by Irradiation
- 3.6 New Methods of Preservation

Module 4: Food Safety

15

- 4.1 Key terms, Factors affecting Food Safety
- 4.2 Food laws, Standards and Regulations
- 4.3 Food Additives and Contaminants
- 4.4 Hygiene and Sanitation
- 4.5 HACCAP

Practical

Credit: 1

30

1. Introduction to Equipment's used for Food Preservation
2. Preparation of Jam
3. Preparation of Jelly
4. Preparation of Fruit Squash
5. Preparation of Sauce/Ketchup
6. Preparation of Pickles
7. Preparation of Chutneys
8. Blanching of vegetables
9. Preparation of Frozen peas
10. Visit to Food Preservation Unit/Institute to observe technique and Food Safety measures.

**Method of Internal Evaluation & Practical Evaluation
DSC (1023C 2)**

Sem III Course – 4

Total Marks: 15

Q.1 Assignment /Test	05
Q.2 Submission of Journal	05
Q.3 Viva	05

RECOMMENDED READINGS

अन्न संरक्षण-डॉ.राजकुमार कांबळे,मेहता पब्लिशिंग हाऊस पुणे
फळ संरक्षण भालचंद्र जोशी



पोषण आणि आहारशास्त्र डॉ.मीना कालेले.पिंपळापुरे पब्लिशर्स नागपूर
आहारोपचार आणि सामुदायिक पोषण प्रा.शोभा वाघमारे (नाईक)विद्या बुक्स पब्लिशर्स औरंगाबाद

Food Science – B.Shrilakshmi (Fifth Edition New age international publishers)
Nutrition and Dietetics (Second Edition) Shubhangini A Joshi Tata megraw –Hill
Publishing company Limited.
Food Microbiology by Frazer



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SYLLABUS

Choice Based Credit System

B.A. Part – II Semester IV

Home Science Course – 5 DSC 1023 D1

June 2022 onwards

Fundamentals of Textile Science and Apparel Construction-I

COURSE OUTCOME:

By the end of this course, students will be able to

CO 1 Classify the textile fibres and yarns.

CO 2 Illustrate weaves and finishing process.

CO 3 Explain the terms, tools and equipment’s of apparel construction

CO 4 Demonstrate drafting, cutting, stitching and finishing of apparel construction

Total Credits: 4

Theory: 3 Credits

Practical: 1Credit
per week per batch

Workload:

Theory: 2 Lectures per week

Practical: 2 Lectures

(Each batch consisting of 15 to 20 students)

Semester – IV

Theory

Teaching Hours:45

Module 1: Textile Fibres and Yarns

10

1.1 Definition and Classification of Textile Fibres based on their origin and length

1.2 Manufacturing process and Properties of following fibres

i) Cotton ii) Linen iii)Silk iv)Wool v) Viscose Rayon vi) Polyester

1.3 Classification of yarn - Simple and Novelty yarns

1.4 Yarn Twist and Yarn Count

Module 2: Fabric Construction

15

2.1 Basic Parts of loom

2.2 Weaves - Basic Weaves: Plain, Twill, Satin



Novelty Weaves: Lino, Jacquard, Pile, Lappet, Spot Weave
2.3 Finishes- Definition, Objectives and Classification
2.4 Finishing Processes- Singeing, Scouring, Bleaching, Sanforizing,
Mercerising, Sizing, Water proof,
Fire proof finishes

Module 3: Introduction to Apparel Construction 10

3.1 Terms used in Apparel Construction-Seam Allowance, Pattern, Grading, Notch, Stay stitching

3.2 Tools and equipment used for measuring, drafting, pinning, marking, cutting, Sewing, Pressing

3.3 Preparation of fabrics for clothing construction-Shrinking, Strengthening, Layout, Marking and Cutting of Patterns

Module 4: Pattern Drafting and Elements of Apparel Construction 10

4.1 Body Measurement-Types and Guidelines for taking body measurements

4.2 Drafting, Types of Paper Pattern

4.3 Basic Elements of Apparel Construction

i) Seams-Plain, French, Flat fell, Over casting

ii) Darts-Open, Close, Double

iii) Pleats-Simple, Box, Inverted box, Side Pleat

iv) Fullness-Gathering, Frills

Practical

Credit: 1

30

1. Preparation of samples of the following.

i) Seams-Plain, French, Flat fell (Any Two)

ii) Darts-Open, Close, Double (Any Two)

iii) Pleats-Simple, Box, Inverted box, Side Pleat (Any Two)

iv) Fullness-Gathering, Frills(Any one)

2. Drafting, cutting, Stitching and Finishing of Apron

3. Drafting, cutting, Stitching and Finishing of Baby Frock of girl up to 2 years

4. Visit to Textile Mill/Institute/Garment Industry/ Textile/ Garment Exhibition and report writing.



Method of Internal Evaluation & Practical Evaluation
DSC (1023D1)

Sem III Course – V

Total Marks: 15

Assignment	05
Practical Exam	10

Method of Evaluation: Practical Exam (Internal)

- Q. 1 Submission of Journal - 2 Marks
- Q. 2 Drafting and cutting of any one garment of the following with full measurements - 04 Marks
I—Apron
II---Baby Frock
- Q. 3 Submission of garment – 02 Marks
- Q. 4 Preparation of any one sample of following -Seams/ Darts/ Pleats– 02 Marks

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RECOMMENDED READINGS:

Textbook of Clothing and Textile and Laundry ,Shushma Gupta Neeru Renu Saini Kaluyani publication Ludhiana

Textile : Fibre to Fabrics, Corbman B P 5th Edition ,New York McGraw –Hill Book company 1975

Fundamentals of Textile and Their care; Dantyagi S, Orient Longman Ltd Delhi 1975

Housing Textile and Laundry Works Deulkar Durga Atmaram Sons Delhi 1980

Dress Designing Manmeet Sodhia kalyani publication new Delhi

Techniques of Drafting and pattern Making Padmavati B Atlanta Publication and distribution

वस्त्रशास्त्राची संकल्पना व फॅशन डिझाईनिंग डॉ.उज्वला वैरागडे प्रा.अन्विता अग्रवाल
विद्या बुक्स पब्लिशर्स औरंगाबाद

फॅशन डिझाईनिंगची मुलतत्वे डॉ.कांचन किटे प्रा.भावना माळोदे श्री साईनाथ प्रकाशन नागपूर



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SYLLABUS
Choice Based Credit System
B.A. Part - II Semester IV
Home Science Course – 6 DSC 1023 D2
June 2022 onwards
Development in Prenatal Period to Early Childhood

COURSE OUTCOME:

By the end of this course, students will be able to

CO 1 Classify the human growth and development

CO 2 Describe the prenatal development

CO 3 Analyze the characteristic and reflexes of newborn and illustrate the development of early childhood

CO 4 Create educational aids and creative activity samples for development of child.

Total Credits: 4

Workload:

Theory: 3 Credits

Practical: 1Credit

Lectures per week per batch

Theory: 2 Lectures per week

Practical: 2

(Each batch consisting of 15 to 20 students)

Semester – IV

Theory

Teaching Hours: 45

Module 1: Introduction to Human Development

10

1.1 Meaning, definition and aspects of Development

1.2 Meaning, definition of Growth and Development, Stages of development

1.3 Principles of development

1.4 Factors affecting growth and development

Module 2: Prenatal Development

10

2.1 Male and Female reproductive system

2.2 Menstrual cycle, Conception, Stages of prenatal development



- 2.3 Signs of pregnancy
- 2.4 Care during pregnancy
- 2.5 Factors influencing prenatal development

Module 3: Neonate and Infant Development **10**

- 3.1 Characteristics of new born and Reflexes
- 3.2 Adjustment of neonate and Care of neonate
- 3.3 Infant development milestones
- 3.4 Language development

Module 4: Early Childhood Development **15**

- 4.1 Physical Development-Height, Weight, Body proportions, teeth and Bone Development
- 4.2 Motor Development- Factors affecting motor development, gross and finer motor Skills, handedness
- 4.3 Cognitive Development- Mental processes: Perception, Thinking, reasoning, Memory, Imagination, Curiosity, Concept Formation
- 4.4 Emotional Development Definition and Characteristics , Emotion in Early Childhood- Love and Affection, Fear, Anger, Temper tantrums

Practical **30**

1. Creative activity- Preparation of samples of the following
 - a) Painting- Brush, Finger / Blow/Thread /Blot/splatter painting (Any Three)
 - b) Printing- Finger/Thumb/Block/Vegetable printing (Any two)
 - c) Paper activity-Tearing/ Scrambling/Twisting/Pasting/Mosaic/Cutting/Folding (Any Two)
 - d) Clay moulding
2. Preparation of Educational aids- Puppets, Flash card
3. Preparation of Resource file by collecting songs, stories, Riddles, Pictures, Information related to Child development.
4. Visit to Nursery school/Anganwadi / Balwadi/ Play centre and report writing
5. Visit to Maternity Clinic/baby Clinic and report writing.

Method of Internal Evaluation & Practical Evaluation
DSC (1023D 2)

Sem III Course – VI

Total Marks: 15

Assignment	05
Practical Exam	10



Method of Evaluation: Practical Exam (Internal Evaluation)

- Q. 1 Submission of Journal - 2Marks
- Q. 2 Preparation any one sample of the following Creative activity- 04 Marks
- Q. 3 Submission of educational aid . – 04 Marks

• **RECOMMENDED READINGS**

1) child Development , Laura E Berk ,prentice hall of India Pvt.Ltd.New Delhi (2007

child Development Sushama Data and panna AKhani sheth publishers Pvt.Ltd Bombay 1995`

Developmental Psychology and life span approach EliZabeth Hurlock New Mc Graw Hill Book company

Know your chid Pankajam G Concept G concept publication company New Delhi 2005

बालविकास सौ.सुमेधा लेले, सौ मनिषा अष्टपुत्रे

मानव विकास सौ.लीना कांडलकर विद्या प्रकाशन नागपूर

मातृकला व बालविकास प्रा.प्रियवंदा श.लाटकर



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SYLLABUS
B.A. II – HOME SCIENCE
SEC : Textile Market and Consumer (Credit - 2)

COURSE OUTCOME:

By the end of this course, students will be able to

- CO 1 Understand the purchase of Textiles.
- CO 2 Analyze the problems of a consumer.
- CO 3 Identify remedies to solve problems of consumer.
- CO 4 Apply the knowledge regarding labels in daily life.
- CO 5 Illustrate the storage of different fabrics & care in day to day life.

Unit I

Textile Market

- Purchase of Textiles
- Factors influencing Purchase of Textiles
- Storage and Care of Textile

Unit II

Consumer

- Problem of consumer
- Remedies for the Problem
- Labels -Importance of Labelling, Types of Labels

• **RECOMMENDED READINGS:**

Alexander P.R. Textile Products : selection use and care Boston Houghton-Mifflin company,1997

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वस्त्रशास्त्र प्रा.सुनिता काळे (पवार) पवन प्रकाशन परभणी




Head of the
Department of Home Science
Vivekanand College, Kolhapur