

“Education for knowledge, Science and Culture”  
 Shikshanmaharshi Dr.Bapuji Salunkhe  
 Shri Swami Vivekanand Shikshan Sanstha’s  
**VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**  
 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-1Course III- Fundamentals of	03	01	04	02	02	04	35	15	50

			Interior Design									
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

“Education for knowledge, Science and Culture”  
Shri Swami Vivekanand Shikshan Sanstha’s  
**VIVEKANAND COLLEGE ( AUTONOMOUS ) KOLHAPUR**  
**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**

- Objectives:**
1. To acquaint students regarding elements of art and principles of design.
  2. To create awareness among students about furniture and flower arrangement.
  3. To develop skills of students in relation with application of elements and principles of design.

**Outcomes:**

**Student will be able to**

1. Apply elements of arts and principles of design in interior decoration.
2. Apply to knowledge of colour wheel and colour scheme in interior decoration
3. Apply the knowledge of interior decoration for selection of furniture and furniture arrangement.
4. Plan for flower arrangement and able to demonstration and preparation of flower 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**

1.1 Elements of Arts

**10**

1.2 Principles of Design	
1.3 Application of elements of arts and principles of design in Interior Decoration	
<b>Module 2: Colour</b>	<b>15</b>
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	
<b>Module 3: Furniture Arrangement</b>	<b>10</b>
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	
<b>Module 4: Flower arrangement and Flower Decoration</b>	<b>10</b>
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	
<b><u>Practical</u></b>	
<b>Credit: 1</b>	<b>30</b>
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, Wiley 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

“Education for knowledge, Science and Culture”  
Shri Swami Vivekanand Shikshan Sanstha’s  
**VIVEKANAND COLLEGE ( AUTONOMOUS ) KOLHAPUR**  
**SYLLABUS**  
**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**

- Objectives:**
1. To impart students with basic knowledge relating to food safety and food preservation
  2. To introduce them the concept of food preservation, safety and hygiene.

**Outcomes:**

**Student will be able to**

1. Explain the concept of food preservation and food safety .
2. Aware about food safety and food laws, standards , regulations .
3. Understand the terms of food safety and food preservation .
4. Illustrate the methods of food preservation .
5. Start up in food industry.

**Total Credits: 4**

Theory: 3 Credits

Practical: 1Credit

**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**

“Education for knowledge, Science and Culture”  
Shri Swami Vivekanand Shikshan Sanstha’s  
**VIVEKANAND COLLEGE (AUTONOMOUS) KOLHAPUR**  
**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**

- Objectives:**
1. To impart knowledge relating knowledge about textile fibres, yarns and fabric construction and finishes
  2. To acquaint students with tools and equipments used for Apparel Construction
  3. To acquaint students with the importance of taking correct measurements and concept of drafting and paper patterns

**Outcomes:**

**Student will be able to**

1. Classify the textile fibres and yarns.
2. Illustrate weaves and finishing process.
3. Understand the terms, tools and equipments of apparel construction .
4. Take the perfect body measurement .
5. To acquire the skills of 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**

**TeachingHours: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

<b>Assignment</b>	<b>05</b>
<b>Practical Exam</b>	<b>10</b>

### 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

•

#### • **RECOMMENDED READINGS:**

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

**Textile : Fibre to Fabrics, Corbman B P 5<sup>th</sup> 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

“Education for knowledge, Science and Culture”  
Shri Swami Vivekanand Shikshan Sanstha’s  
**VIVEKANAND COLLEGE (AUTONOMOUS) KOLHAPUR**  
**SYLLABUS**

**Choice Based Credit System**

**B.A. Part - II Semester IV**

**Home Science Course – 6 DSC1023 D2**

**June 2022 onwards**

**Development in Prenatal Period to Early Childhood**

- Objectives:**
1. To make the students understand significance and various aspects of human development
  2. To understand various stages of development
  3. To understand development of child from prenatal period to early childhood.

**Outcomes:**

**Students will able to**

1. Distinguish between growth and development.
2. Understand stages of prenatal development, signs of pregnancy and care during pregnancy and factors influencing prenatal development
3. Identify the characteristic and reflexes of new born .
4. Illustrate the development of early childhood .
5. Create and use educational aids for development of child.
6. Practice /start in Nursery School/ Anganwadi /balwadi or play center .

**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	
<b>Module 2: Prenatal Development</b>	<b>10</b>
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	
<b>Module 3: Neonate and Infant Development</b>	<b>10</b>
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	
<b>Module 4: Early Childhood Development</b>	<b>15</b>
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	
<b>Practical</b>	<b>30</b>
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

“Education for knowledge, Science and Culture”  
Shikshanmaharshi Dr. Bapuji Salunkhe  
Shri Swami Vivekanand Shikshan Sanstha’s  
**VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**

**B.A. II – HOME SCIENCE**

**SEC : Textile Market and Consumer (Credit - 2)**

**Objectives:**

1. To understand the purchase of Textiles.
2. To identify and solve the problems of a consumer in textile market.
3. To acquaint students with information regarding Labels and Storage of different fabrics & care.

**Outcomes:**

**Students will able to**

1. understand the purchase of Textiles.
2. understand problems of a consumer and remedies to solve it.
3. apply the knowledge regarding Labels and 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**

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

आधुनिक गृहव्यवस्थापण डॉ.वैरागडे,प्रा.लाटकर,प्रा.मुळे विद्याबुक्स पब्लिशर्स औरंगाबाद

वस्त्रशास्त्र प्रा.सुनिता काळे (पवार) पवन प्रकाशन परभणी