



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



Syllabus

Home Science

B.A Part II (CBCS)

With effect from June 2019



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VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR
B .A. PART –II CBCS Syllabus with effect from June 2019

**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 be implemented from June
2019 onwards.
3. DURATION : B.A.II – Two Semesters (One Year)
4. PATTERN OF EXAMINATION : Semester (CBCS Pattern)
Practical– Internal Evaluation
5. MEDIUM OF INSTRUCTION : English or Marathi.
6. STRUCTURE OF COURSE : B.A. Part – II
Two Semesters
Four Papers



STRUCTURE OF COURSE

Sr. No	Semester	Course Opted	Course No.	Name of the Course	Distribution of Marks		
					Theory	Practical	Total
1	III	DSC	III	Basics of Interior Design	40	10	50
2		DSC	IV	Introduction to Food Safety and Preservation	40	10	50
3		SEC	I	Skill for Development (Activities and Resources for Child Development –I)	10	40	50
4	IV	DSC	V	Fundamentals of Textile Science and Apparel Construction	40	10	50
5		DSC	VI	Introduction to Human Development	40	10	50
6		SEC	II	Skill for Development (Activities and Resources for Child Development –II)	10	40	50

7. SCHEME OF TEACHING :

Sr. No	Paper No.	Sem	Name of the subject	Total Credits	Teaching Scheme		
					Theory Lectures / week	Practical's / Lectures/ week/ batch	Total
1	III	III	Basics of Interior Design	4(3+1)	2	2	4
2	IV		Introduction to Food Safety and Preservation	4(3+1)	3	2	4
3	V	IV	Fundamentals of Textile Science and Apparel Construction	4(3+1)	2	2	4
4	VI		Introduction to Human Development	4(3+1)	2	2	4

8. SCHEME OF EXAMINATION:

- The examination shall be at the end of each semester.
- All DSC papers shall carry 40 marks for Theory and 10 marks for practical.
- The evaluation of the performance of the students in theory shall be on the basis of semester examination as mentioned above.
- All questions are compulsory.



- Nature of question paper (Theory)
 - Q.1. Objective type questions. 5 Marks
 - Q.2. Solve the following questions. 20 Marks
(Any two out of three)
 - Q.3. Write short notes. (Any three out of five) 15 Marks
- 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:

Shivaji University Syllabus			VCK (Autonomous) Syllabus			% of Equivalence of course
Course No.	Sem	Title of the Course	Course No.	Sem	Title of Course	
III	III	Basics of Interior Design	III	III	Basics of Interior Design	
IV	III	Introduction to Food Safety and Preservation	IV	III	Introduction to Food Safety and Preservation	
V	IV	Fundamentals of Textile Science and Apparel Construction	V	IV	Fundamentals of Textile Science and Apparel Construction	
VI	IV	Introduction to Human Development	VI	IV	Introduction to Human Development	



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SYLLABUS
Choice Based Credit System
B.A. Part - II Semester – III
Home Science
June 2019 onwards
(DSC-III) Course-3. Basics of Interior Design

Course Outcomes:

1. Student will be able to apply elements and principles of design in interior decoration .
2. Student will be able to classify the colour wheel and demonstrate the colour scheme in interior decoration .
3. Student will be aware to choose of furniture and apply furniture arrangement in different rooms .
4. Student will be plan for flower arrangement and able to demonstration and preparation of flower decoration ..

Total Credits: 4

Theory: 3Credits
Practical: 1Credit

Workload:

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

Theory

Teaching Hours: 45

Module 1: Fundamentals of Design

10

- 1.1 Elements of Arts
- 1.2 Principles if Design
- 1.3 Application of elements 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 Colour schemes and Effects of colour

Module3: Furniture Arrangement

10

- 3.1 Importance and Types of Furniture
- 3.2 Selection of Furniture
- 3.4 Care of furniture
- 3.4 Furniture arrangement in different rooms

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



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

Practical Lectures-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

Method of Evaluation: Internal Evaluation of Practical

10 Marks

- Q. 1 Submission of Journal
- Q. 2 Viva

5 Marks

5 Marks

RECOMMENDED READINGS

1. Interior Decoration in India Deongarikerry K .S.
2. Encyclopedia of Interior Design and Decoration
3. Heng Home furnishing Rutt Anna, Willey Eastern pvt.Ltd ,Delhi
4. गृहयोजना व अंतर्गत सजावट डॉ. वैरागडे प्रा. लाटकर प्रा.मुळे
5. अधुनिक गृहव्यवस्थापन औरंगपुरा औरंगाबाद
6. कौटुंबिक संसाधनाची संकल्पना डॉ. लीना कांडलकर
7. गृहअर्थशात्राची मूलतत्वे सौ. लीना कांडलकर



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SYLLABUS
Choice Based Credit System
B.A. Part - II Semester-III
Home Science
June 2019 onwards
(DSC-IV) Course 4. Introduction to Food Safety and Preservation

Course Outcomes:

1. Student will be able to explain the concept of food preservation and food safety .
2. Student will be aware for food safety and food laws, standards , regulations .
3. Student will be define the terms of food safety and food preservation .
4. Student will be able to illustrate the methods of food preservation .

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)

Theory

Teaching Lectures: 45

Module 1: Introduction to Food Preservation	10
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: Food Safety	15
2.1 Key terms, Factors affecting Food Safety	
2.2 Food laws, Standards and Regulations	
2.3 Food Additives and Contaminants	
2.4 Hygiene and Sanitation	
2.5 Precaution to be taken for preservation Do's & Don'ts of food preservation	
2.6 HACCAP	
Module 3: Principles OF Food Preservation	10
3.1 Principles of Food Preservation	
3.2 Common terms used in Food Preservation	
3.3 Factors affecting growth of micro organisms	



Module 4: Methods of Food Preservation

15

- 4.1 Preservation by High Temperature
- 4.2 Preservation by Low Temperature
- 4.3 Preservation by Drying
- 4.4 Preservation by Preservatives
- 4.5 Preservation by Irradiation
- 4.6 New Methods of Preservation

Practical

Teaching Lectures:30

1. Introduction to Equipments 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 Evaluation: Internal Evaluation of Practical

- Q. 1 Submission of Journal - 5 Marks
- Q. 2 Viva - 5 Marks

RECOMMENDED READINGS

- अन्न संरक्षण - डॉ. राजकुमार कांबळे , मेहता पब्लिशिंग हाऊस पुणे
- फळ संरक्षण - भालचंद्र जोशी
- 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
- पोषण आणि आहारशास्त्र डॉ. मीना कालेले .पिंपळापूरे अँड कं. पब्लिशर्स नागपूर



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B.A. Part - II Semester – IV
Home Science June 2019 onwards

(DSC-V)Course 5. Fundamentals of Textile Science and Apparel Construction-I

Course Outcomes:

1. Student will be able to classify the textile fibres and yarns.
2. Student will be able to illustrate weaves and finishing process.
3. Student will be able to explain the terms, tools and equipments of apparel construction
4. Student will be able to take the perfect body measurement .

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)

Theory

Teaching Lectures: 45

Module 1: Textile Fibres and Yarns

15

- 1.1 Definition and Classification of Textile Fibres based on their origin and length
- 1.2 Manufacturing and Properties of Cotton, Silk, Wool, Viscose Rayon and Polyester
- 1.3 Classification of yarn - Simple and Novelty yarns, Yarn Twist, 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 Clothing Construction

15

- 4.1 Body Measurement-Types and Guidelines for taking body measurements
- 4.2 Drafting, Types of Paper Pattern
- 4.3 Layout and Cutting
- 4.4 Basic Elements of Clothing Construction
i) Seams-Plain, French, Flat fell
ii) Darts-Open, Close, Double
iii) Pleats-Simple, Box, Side Pleat

Practical

Practical Lectures: 45

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, Side Pleat (Any Two)
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 and report writing

Total Marks:10

Method of Evaluation: Practical Exam

- Q. 1 Submission of Journal - 2 Marks
- Q. 2 Drafting of any one garment of the following with full measurements
I---Apron
II---Baby Frock
-04 Marks
- 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 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 डिझायनिंग डॉ. उज्वला वैरागडे प्रा. अल्विता अग्रवाल



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Home Science
June 2019 onwards

(DSC VI) Course 6. Introduction to Human Development

Course Outcomes:

1. Student will be able to classify the human growth and development .
2. Student will be able to explain the prenatal development.
3. Student will be able to identify the characteristic and reflexes of newborn and illustrate the development of early childhood
4. Student will be able. to create educational aids and creative activity samples for development of child.

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)

Theory

Teaching Hours: 45

Module 1: Importance of Human Development

15

- 1.1 Meaning, Definition and Scope of Human Development
- 1.2 Definition of Growth and Development, Stages of development
- 1.3 Dimensions and Principles of development
- 1.4 Factors affecting growth and development

Module 2: Prenatal Development

15

- 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

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



Module 4: Early Childhood Development

15

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

Practical

Practical Hours: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 Evaluation: Internal Evaluation of Practical

- 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 and Record file – 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
- baalaivakasa jeca maaQyaimak saaO. saumaoQaa laolao saaO. mainaYaa AYTpu~o
- maanava ivakasa saaO. laInaa kaMDIakr



[Signature]
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