"Dissemination of Education for Knowledge, Science and Culture"
Shikshanmaharsh iDr.Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR (AN EMPOWERED AUTONOMOUS INSTITUTE)

KOLHAPUR

DEPARTMENT OF HOME SCIENCE

B.A. Part II Syllabus

NEP 2020 Level 5.0
To be implemented from June 2025

1.	TITLE	:	B.A. Part II (HomeScience) Under Faculty of Interdisciplinary
2.	YEAR OFIMPLEMENTATION Pattern) will	:	NEP2020 Level 5.0 (Semester be implemented from June 2025 onwards.
3.	DURATION	:	B.A.II – Two Semesters (One Year)
4.	PATTERN OF EXAMINATION	:	Semester NEP Practical– Internal Evaluation
5.	MEDIUM OF INSTRUCTION	:	English or Marathi.
6.	STRUCTURE OF COURSE	:	B.A. Part – II Two Semesters

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SCHEME OF EXAMINATION:

- The examination shall be at the end of each semester.
- All 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.

Structure of Question Paper

DSC(Core Papers III,IV,V,VI) Sem III & IV(Major Paper)
Minor Paper III & IV Sem III &IV (Minor Paper)

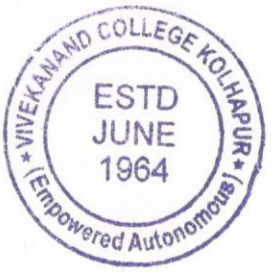
TotalMarks:40

Time: 2 hrs

All the questions are compulsory

Q.1 Multiple Choice Questions	5
Q. 2Shortnote (Any3 outof5)	15
Q. 3. Slove following questions (Any 2 out of 3)	20

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	Fundamentals 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	Development in Prenatal Period to Early Childhood	VI	IV	Development in Prenatal Period to Early Childhood
Minor III	Basics of Interior Design	Minor I	III	Home Management
Minor IV	Textile Science and Clothing Construction	Minor II	IV	Food Preservation

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Department of Home Science

B.A. Part II Sem. III

NEP 2020 Level 5.0

DSC-III

2DSC01HOM 31 (Major Paper III)

Fundamentals of Interior Design

JUNE 2025 onwards

Total Credits: 4

Theory: 3 credits
Practical: 1 credit

Workload:

Theory: 3 Lectures per week
Practical: 2 Lectures Per week

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 ininterior decoration
CO 3 Compare furniture and apply furniture arrangement in different rooms
CO 4 Demonstrate flower arrangement, preparation and decoration

Teaching Hours: 45

Semester – III

Theory

Module 1: Fundamentals of Design **10**

1.1 Elements of Arts
1.2 Principles if Design

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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 ofcolourandcolourschemes onInterior Decoration

Module 3: Furniture Arrangement **10**

3.1 Importance of furniture,
3.2Types offurniture and material used forfurniture.
3.2 Selection of furniture, furniture arrangement in different rooms
3.4 Care andmaintenance 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/ exhibition

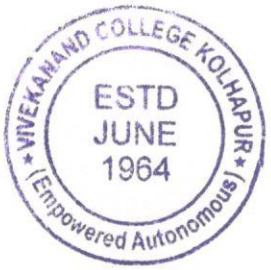
Method of Internal Evaluation & Practical Evaluation
DSC01HoM 31 (Major Paper III)
Total Marks: 10

Q.1 Submission of Journal	05
Q.2 Viva	05

- RECOMMENDED READINGS
- कांडलकर लिना (२००५) गृह अर्थशास्त्राची मूलतत्वे , विद्या प्रकाशन रुईकर रोड महाल , नागपुर.
- लिमये क्षमा (२०१०) गृहव्यवस्थापन आणि गृहकला , विद्या प्रकाशन रुईकर मार्ग , नागपुर.
- मुनशी, जठार (२००१) गृहव्यवस्थापन, पिंपळापुरे ॲड कंपनी पब्लिशर्स हिन्दू मुलींच्या शाळेजवळ, महाल नागपुर
- वैरागडे,लाटकर,मुळे(२०१२) आधुनिक गृहयोजना व अंतर्गत सजावट विद्याबुक्स पब्लिशर्स औरंगाबाद
- खडसे इंदिरा,(२००३) गृहसजावट हिमालया पब्लिशिंग हाउस नागपुर.

- Kaur,Macneil,(1994) Theory and Practical of Home Management, Surjeet Publication Delhi
- Nickell & Dorsey (1967) Management in Family Living Willey Eastern .Ltd ,Delhi

- Interior Decoration in India Deongarikerry K.S. Willey Eastern pvt.Ltd ,Delhi
- Enyclopedia of Enterior Design and Decoration
- Heng Home purnishing Rutt Anna, Willey Eastern pvt.Ltd ,Delhi



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Department of Home Science

B.A. Part II Sem. III

NEP 2020 Level 5.0

DSC-IV

2DSC01HOM 32(Major Paper IV)

Introduction to Food Preservation and Food Safety

JUNE 2025 onwards

Total Credits: 4

Theory: 3 credits
Practical: 1 credit

Workload:

Theory: 3 Lectures per week
Practical: 2 Lectures Per week

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 .

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

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2.3 Factors affecting growth ofmicro-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 HACCP

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
DSC01HOM 32 (Major Paper IV)

Total Marks: 10

Q.1 Submission of Journal	05
Q.2Viva	05

RECOMMENDED READINGS

- कांबळे राजकुमार.(2002)अन्न संरक्षण, मेहता पब्लिशिंग हाऊस पुणे
- काळेले मीना(2011) पोषण व आहारशास्त्र पिंपळापुरे कंपनी पब्लिशर्स नागपुर
- वाघमारे शोभा (२०१४) पोषण आणि आहार विद्याबुक्स पब्लिशर्स, औरंगाबाद
- लेले सरल (१९९९) पोषण व आहारशास्त्र परिचय , पिंपळापुरे कंपनी पब्लिशर्स हिन्दू मुलींच्या शाळेजवळ, महात नागपुर

- वाघमारे शोभा (2010) आहारोपचार आणि सामुदायिक पोषण विद्याबुक्स पब्लिशर्स, औरंगाबाद
- फराकड़े त्रिवेणी आणि गोंगे (2010) - पोषण आहारशास्त्र, पिंपळापुरे ॲ कंपनी पब्लिशर्स नागपुर
- भालचंद्र जोशी फळ संरक्षण
- Shrilakshmi B Food Science (Fifth Edition) New age international publishers
- Joshi Shubhangini Nutrition and Dietetics (Second Edition) A Tata megraw –Hill Publishing company Limited.
- Frazer, Food Microbiology

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Department of Home Science

B.A. Part II Sem. III

NEP 2020 Level 5.0

MIN-I

2MIN01HOM 31(Minor Paper I)

HOME MANAGEMENT

JUNE 2025 onwards

Total Credits: 4

Theory: 3 credits
Practical: 1 credit

Workload:

Theory: 3 Lectures per week
Practical: 2 Lectures Per week

COURSE OUTCOMES:

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

CO 1 Understand the importance of work simplification.
CO 2 Apply elements of arts and principles of design in home decoration.
CO 3 Articulate selection and placement of accessories as per type of home.
CO 4 Demonstrate types of rangoli

Teaching Hours: 45

Semester – III
Theory

Module 1 Work Simplification 15

1.1 Definition and importance and Principles of Work Simplification .

1.2 Mundel's classes of change.

1.3 Techniques of work simplification.

1.4 Application of Mundel's classes of change in household activities.

Module 2 Home Decoration 15

2.1 Introduction to Elements of Arts

2.2 Introduction to Principle of Design

Module 3 Household Accessories 10

3.1 Meaning, Definition and Importance

3.2 Classification of Accessories.

3.3 Some Important Accessories.

3.4 Guidelines in Selection and Placement of Accessories.

Module 4 Floor Decoration 5

4.1 Introduction

4.2 Importance of Rangoli Decoration

4.3 Materials Used

4.4 Types of Rangoli

PRACTICAL

PRACTICAL LECTURES : 30

Practical's :

1) Changes in work arrangement and equipment : Comfortable working aera – Horizontal & Vertical Posture.

2) Prepare Process Chart

3) Prepare Operation Chart

4) Prepare Pathway Chart

5) . Preparation of primary, secondary and Tertiary colour and Colour wheel

6) Colour wheel

7) Preparation of colour scheme

8) Preparation of Alpana

References:

- लिमये क्षमा (२०१०) गृहव्यवस्थापन आणि गृहकला , विद्या प्रकाशन रुईकर मार्ग , नागपुर.
- मुनशी, जठार (२००१) गृहव्यवस्थापन, पिंपळापुरे ॲड कंपनी पब्लिशर्स हिन्दू मुलींच्या शाळेजवळ, महाल नागपुर
- वैरागडे,लाटकर,मुळे(२०१२) आधुनिक गृहयोजना व अंतर्गत सजावट विद्याबुक्स पब्लिशर्स औरंगाबाद
- खडसे इंदिरा,(२००३) गृहसजावट हिमालया पब्लिशिंग हाउस नागपुर.
- फरकाडे त्रिवेणी आणि गोंगे सुलभा (२००५) कौटुबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट, पिंपळापुरे आणि को. पब्लिश र्स ,नागपूर
- कांडलकर लीना (२०१२) गृहशास्त्राची मूलतत्वे,विद्या प्रकाशन ,नागपूर.
- गायकवाड ज्योती (२००१) गृहशास्त्र व गृहव्यवस्थापन मंगेश प्रकाशन , नागपूर.
- Kaur,Macneil,(1994) Theory and Practical of Home Management, Surjeet Publication Delhi
- Nickell & Dorsey (1967) Management in Family Living Willey Eastern .Ltd ,Delhi
- Willey K.S Interior Decoration in India Deongarikerry. Eastern pvt. Ltd ,Delhi
- Encyclopaedia of Interior Design and Decoration
- Heng Home furnishing Rutt Anna, Willey Eastern pvt. Ltd ,Delhi
- Koontz .H. and O'Donnel C,2005 Management – A systems and contingency analysis of managerial function New York: McGraw-Hill Book Company.
- Kreitner.2009, Management Theory and Applications, Cengage Language Learning: India
- Rao V.S. and Narayana P.S. Principles and Practices of Management, 2007, Konark Publishers Pvt. Ltd.

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KOLHAPUR

Department of Home Science
B.A. Part II Sem. III
NEP 2020 Level 5.0
VSC-II
2VSC01HOM 31
Home Decoration Accessories
JUNE 2025 onwards
CREDITS: 02

COURSE OUTCOME:

By the end of this course, students will be able to
CO 1 Understand the importance of accessories in home decoration.
CO 2 Classify accessories based on application.
CO 3 Analyze the impact of accessories in home decoration.
CO 4 Articulate selection and placement of accessories as per type of home.

Module 1**Accessories for Home Decoration** 15

1..1Concept and Importance
1.2 Types of Accessories

Module 2

15

2..1 Selection and Placement of Accessories
2..2 Accessories used for Interior Decoration

Reference books:

- वैरागडे,लाटकर,मुळे(२०१२) आधुनिक गृहयोजना व अंतर्गत सजावट विद्याबुक्स पब्लिशर्स औरंगाबाद

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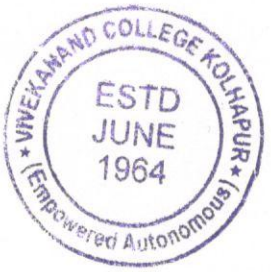
- खडसे इंदिरा,(२००३) गृहसजावट हिमालया पब्लिशिंग हाउस नागपुर.
- लिमये क्षमा (२०१०) गृहव्यवस्थापन आणि गृहकला , विद्या प्रकाशन रुईकर मार्ग , नागपुर
- कांडलकर लिना (२००५) गृह अर्थशास्त्राची मूलतत्वे , विद्या प्रकाशन रुईकर रोड महाल , नागपुर.



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Department of Home Science
B.A. Part II Sem. III
NEP 2020 Level 5.0
SEC-I
2 SEC01HOM 31

BEVERAGES

JUNE 2025 onwards
CREDITS: 02

COURSE OUTCOME:

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

CO 1 Understand the importance of beverages.

CO 2 Classify beverages based on application.

CO 3 Analyze the effect of beverages on the human body.

CO 4 Describe the different Processes & techniques for beverage preparation.

Module 1 **20**

1.1 Decimation and importance of beverage

1.2 Functions of Beverages

1.3 Classification of Beverages

A) Nonalcoholic Beverages

B) Alcoholic Beverages

C) Soups

D) other Beverages

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Module 2 **10**

2.1– Common Equipment used inBeverage Preparation

2.2 – Effect of Beverages on Human Body.

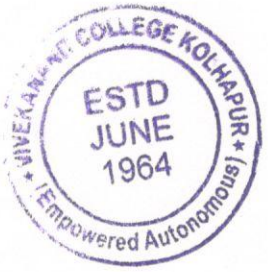
- **RECOMMENDED READINGS**

वेलणकर वंदना ,(2011) तृषाशांती सरबतेमधुराज पब्लिकेशन पुणे

लेले सरल ,(1999)पोषण व आहारशास्त्र परिचय , पिंपळापुरे आणि कंपनी पब्लिकेशन.

जोशी वर्षा,(2010) स्वयंपाकघरातील विज्ञान, रोहन प्रकाशन, पुणे

Kaushik Vijay, Food Science and Nutrition ,Mangal Publication



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Department of Home Science
B.A. Part II Sem. IV
NEP 2020 Level 5.0
DSC-V
2DSC01HOM 41(Major Paper V)
Fundamentals of Textile Science and Apparel Construction-I
JUNE 2025 onwards

COURSE OUTCOME:

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

CO 1Classify the textile fibres and yarns.
CO 2Illustrate weaves and finishing process.
CO 3Explain the terms, tools and equipment's of apparel construction
CO 4Demonstrate drafting, cutting, stitching and finishing of apparel construction

Total Credits: 4

Theory: 3 credits
Practical: 1 credit

Workload:

Theory: 3 Lectures per week
Practical: 2 Lectures Per week

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

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Module 2: Fabric Construction **15** 2.1

2.1Basic 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

DSC01HOM 41 (Major Paper V)

Practical Exam **10Marks:**

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:

- किटे कांचन, माळोदे भावना (२०१४) फॅशन डिझाईनिंगची मुलतत्वे , श्री साईनाथ प्रकाशन ,नागपूर
- वैरागडे उज्ज्वला, अग्रवाल अन्विता(2009) ,वस्त्रशास्त्राचीसंकल्पनाव फॅशन डिझाईनिंग विद्या बुक्सपब्लिशर्सऔरंगाबाद
- काळे सुनिता, (2004) वस्त्रशास्त्र , पवन प्रकाशन , परभणी
- झारापकर का. रा. (2009)शिवण शास्त्र भाग 1 व २ नवनीत पब्लिकेशन्स मुंबई
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- हेगडे कृ. म(1980). शास्त्रोक्त शिवणकला भाग १व २ हेगडे टेलरिंग कॉलेज पुणे
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- Dantyagi S Fundamentals of Textile and Their care; , Orient Longman Ltd Delhi 1975
- Deulkar Durga ,Housing Textile and Laundry Works Atmaram Sons Delhi 1980
- Manmeet ,Dress Designing Sodhiakalyani publication new Delhi
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KOLHAPUR

Department of Home Science
B.A. Part II Sem. IV
NEP 2020 Level 5.0
DSC-VI
2DSC01HOM 42(Major Paper VI)

Development in Prenatal Period to Early Childhood
JUNE 2025 onwards

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

Theory: 3 credits
Practical: 1 credit

Workload:

Theory: 3 Lectures per week
Practical: 2 Lectures Per week

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**

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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
DSC01HOM 42(Major Paper VI)

Total Marks: 10

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 AKhanisheth 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
लेले, अष्टपुत्रे बालविकास
कांडलकर लीना मानव (२०००) विकास विद्या प्रकाशन नागपूर,
लाटकर प्रियवंदा(2014) मातृकला व बालविकास बालशिक्षण, विद्या बुक्स पब्लिशर्स, औरंगाबाद

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Department of Home Science
B.A. Part II Sem. IV
NEP 2020 Level 5.0
MIN-II
2MIN01HOM 41(Minor Paper II)
Food Preservation

JUNE 2025 onwards

Total Credits: 4

Theory: 3 credits

Practical: 1 credit

"

Workload:

Theory: 3 Lectures per week

Practical: 2 Lectures Per week

COURSE OUTCOMES:

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

CO 1 Explain the concept of food preservation

CO 2 Know the importance and Principles of Food Preservation

CO 3 Define the terms of food preservation

CO 4 Apply the methods of food preservation .

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Semester – IV

Theory **Teaching Hours: 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: 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

Module 4 Methods of Food Preservation **10**

4.1 Preservation by Preservatives

4.2 Preservation by Irradiation

4.3 New Methods of Preservation

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.

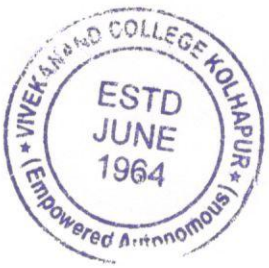
Method of Internal Evaluation & Practical Evaluation
2MIN01HOM 41(Minor Paper II)

Total Marks: 10

Q.1 Submission of Journal	05
Q.2Viva	05

RECOMMENDED READINGS

- कांबळे राजकुमार.(2002)अन्न संरक्षण, मेहता पब्लिशिंग हाऊस पुणे
- काळेले मीना(2011) पोषण व आहारशास्त्र पिंपळापुरे कंपनी पब्लिशर्स नागपुर
- वाघमारे शोभा (२०१४) पोषण आणि आहार विद्याबुक्स पब्लिशर्स ,औरंगाबाद
- लेले सरल (१९९९) पोषण व आहारशास्त्र परिचय , पिंपळापुरे कंपनी पब्लिशर्स हिन्दू मुलींच्या शाळेजवळ ,महात नागपुर
- वाघमारे शोभा (२०१०) आहारोपचार आणि सामुदायिक पोषण विद्याबुक्स पब्लिशर्स ,औरंगाबाद
- फराकड़े त्रिवेणी आणि गोंगे (२०१०) पोषण आहारशास्त्र ,पिंपळापुरे अॅ कंपनी पब्लिशर्स नागपुर
- भालचंद्र जोशी फळ संरक्षण
- Shrilakshmi B Food Science (Fifth Edition) New age international publishers
- Joshi Shubhangini Nutrition and Dietetics (Second Edition) A Tata megraw –Hill Publishing company Limited.
- Frazer, Food Microbiology



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Department of Home Science

B.A. Part II Sem. IV

NEP 2020 Level 5.0

VSC-III

2VSC01HOM 41

Development Centers for Children

JUNE 2025 onwards

CREDITS: 02

COURSE OUTCOME:

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

CO 1Understand Children needs and rights of children.

CO 2 Study significance of early years in individuals' life

CO 3 Know different types of centers.

CO 4 Analyze different activities conducted in the centers

Module 1 15

1.1 Needs of Children

1.2 Rights of Children

1.3 Importance of early years in individuals life

Module 2

Centers for Children 15

2.1 Play Centers -Need, Importance, Function

2.2 Creches, Day Care Centers- Need, Importance, Function

2.3 Anganwadi-Need, Importance, Function

2.4 Nursery School - Need, Importance, Function

2.5 Activities conducted in Centers

Reference books:

बालविकास वीणा संत, सुमेधा लेले, मनीषा अष्टपुत्रे नीलकांत बुक्स पुणे

- बालविकासशास्त्र डॉ. इंदिरा खडसे हिमालया पब्लिशिंग हाऊस मुंबई
- बालविकासाची मुलतत्वे सुषमा दाते, पन्ना आखानी किताब महल प्रकाशन नागपूर

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Department of Home Science
B.A. Part II Sem. IV
NEP 2020 Level 5.0
SEC-II
2SEC01HOM 41
Textile Market and Consumer
JUNE 2025 onwards

CREDITS: 02

COURSE OUTCOME:

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

CO 1Understand the purchase of Textiles.
CO 2Analyze the problems of a consumer.
CO 3 Identify remedies to solve problems of consumer.
CO 4 Apply the knowledge regarding labels in daily life.

Module 1 Textile Market 15

1.1 Purchase of Textiles
1,2 Factors influencing Purchase of Textiles
Storage and Care of Textile

Module 2Consumer15

2.1 Problem of consumer
2.2Remedies for the Problem
2.3Labels -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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- वैरागडे, लाटकर, मुळे (2010)आधुनिक गृहव्यवस्थापण विद्याबुक्स पब्लिशर्स औरंगाबाद
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- विद्या बुक्सपब्लिशर्सऔरंगाबाद
- किटे कांचन, माळोदे भावना (२०१४) फॅशन डिझाईनिंगची मुलतत्वे , श्री साईनाथ प्रकाशन , नागपूर
- काळे सुनिता, (2004) वस्त्रशास्त्र, पवन प्रकाशन, परभणी