Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR (AN EMPOWERED AUTONOMOUS INSTITUTE)



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 : NEP2020 Level 5.0 (Semester Pattern) will be implemented from June 2025 onwards.

3. DURATION : B.A.II – Two Semesters (One Year)

4. PATTERN OF : Semester NEP EXAMINATION Practical—Internal Evaluation

5. MEDIUM OF : English or Marathi. INSTRUCTION

6. STRUCTURE OF :B.A. Part – II
COURSE Two Semesters



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)

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	Basics of Interior Design
Minor IV	Textile Science and Clothing Construction	Minor II	IV	Textile Science and Clothing Construction



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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

Workload:

Theory: 3 credits
Practical: 1 credit

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

1.1 Elements of Arts

1.2 Principles if Design



1.3 Application of elements of arts and principles of design in I Module 2: Colour	nterior Decoration 15	n
2.1 Colour- Definition and Importance		
2.2 Dimensions of colour		
2.3 Classification of colour		
2.4 Effects of colourand colours chemes on Interior 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 roo	oms	
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	1	
4.3 Types of Flower Arrangement and Flower Decoration		
<u>Practical</u>	20	
Credit: 1	30	
1. Preparation of primary, secondary and Tertiary colour and Colour w	neer	
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		
6 Visit to Fulliture shop/ivian/ivianutaeturing unito eximitation		
Method of Internal Evaluation & Practical Eva	luation	
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 प्रकाश 	ान रुईकर रोड मह	हाल
, नागपुर .		
• लिमये क्षमा (२०१०) गृहव्यवस्थापन आणि गृहकला , विद्या प्रका	शन रुईकर मार्ग ,	नागपुर.
• मुनशी, जठार (२००१) गृहव्यवस्थापन, पिंपळापुरे ॲड कंपनी पर्र	ब्लेशर्स हिन्दू मुलींच	या
शाळेजवळ, महाल नागपुर		
	गतर तिरगानस्य	पहिल्ा
• वैरागडे,लाटकर,मुळे(२०१२) आधुनिक गृहयोजना व अंतर्गत सज	।।पट ।पप्यांषुपरा	719(77)
औरंगाबाद		
 खडसे इंदिरा,(२००३) गृहसजावट हिमालया पब्लिशिंग हाउस नाग् 	ापुर.	



- Kaur, Macneil, (1994) Theory and Practical of Home Management, Surject 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

Workload:

Theory: 3 credits Practical: 1 credit

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

5

10

Module 1: Introduction to Food Preservation

- 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

- 2.1 Principles of Food Preservation
- 2.2 Common terms used in Food Preservation



2.3 Enotors offseting and the C.			
2.3 Factors affecting growth ofmicro-organisms. Module 3: Methods of Food Preservation			
3.1 Preservation by High Temperature	15		
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	50		
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 ar	nd Food Safety r	neasures.	
Method of Internal Evaluation & Practical E	valuation		
DSC01HOM 32 (Major Paper IV)			
Total Marks: 10			
Q.1 Submission of Journal	05		
Q.2Viva	05		
	05		
RECOMMENDED READINGS			
• कांबले राजकमार (२००२)याच्या गंग्या केना निर्मा			
• कांबळे राजकुमार.(२००२)अन्न संरक्षण, मेहता पब्लिशिंग हाऊस पुणे			
• काळेले मीना(2011) पोषण व आहारशास्त्र पिंपळापुरे कंपनी पब्लिशर्स नागपुर			
 वाघमारे शोभा (२०१४) पोषण आणि आहार विद्याबुक्स पिं शिक्स, औरंगाबाद 			
• लेले सरल (१९९९) गोषण व अवस्थापन मिना स्थानी के कि			
• 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-III

2MIN01HOM 31(Minor Paper I)
Basics of Interior Design
JUNE 2025 onwards

Total Credits: 4

Workload:

Theory: 3 credits
Practical: 1 credit

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 in interior 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: Elements and Principles of Art

CA

- 1.1Meaning and Importance of Arts
- 1.2 Elements of Art-Line, Form, Texture, Pattern, Colour, Light, Space, Idea
- 1.3 Principles of Art-Harmony, Propartion, Balance, Rhythm, Emphasis
- 1. 4Application of elements and Principles of Art in Interior Decoration

Module 3: Colour

15

- 2.1 Colour- Definition and Importance
- 2.2 Classification of colour
- 2.3 Properties of colour
- 2.4 Effects of colour and colour schemes on Interior Decoration



Mo	odule 4:: Furniture Arrangement	10
	4.1 Importance of furniture,	10
	4.2Types of furniture and material used for furniture.	
	4.2 Selection of furniture, furniture arrangement in differer 4.4 Care and maintenance of furniture	nt rooms
Mo	dule 4: Flower arrangement and Flower Decoration	10
	4.1 Importance of flower arrangement and flower decoration	on To
	4.2 Material used for flower arrangement and flower decor	ation
	4.3 Types of Flower Arrangement and Flower Decoration	ation
	Practical	
	edit: 1	
. Р	reparation of primary, secondary and Tertiary colour and Colo	ur wheel
2. P	reparation of colour scheme	
3. P	reparation of Colour Hue	

Method of Internal Evaluation & Practical Evaluation MIN01HOM 31(Minor Paper III)

30

Total Marks: 10

20001112	1113. 10
Q.1 Submission of Journal	0.5
Q.2 Viva	0.5
	U.

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

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, Surject 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
- 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
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 1Accessories 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



 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



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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VIVEKANAND COLLEGE, KOLHAPUR (AN EMPOWERED AUTONOMOUS INSTITUTE)



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

Workload:

Theory: 3 credits Practical: 1 credit

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

Semester - IV

Theory

TeachingHours:45

Module 1: Textile Fibres and Yarns

- 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



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
- भिसे पद्मावती , (1996)सोपे शिवणकाम , मॅजेस्टीक बुकस्टॉल मुंबई
- हेगडे कृ.म(1980). शास्त्रोक्त शिवणकला भाग १व २ हेगडे टेलरिंग कॉलेज पुणे
- Gupta Shushma, Textbook of Clothing and Textile and Laundry Kaluyani publication Ludhiana
- Corbman B PTextile :Fibre to Fabrics, company 1975
 5th Edition ,New York McGraw –Hill Book
- 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
- Padmavati B, Techniqes of Drafting and pattern Making Atlanta Publication and distribution



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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

Workload:

Theory: 3 credits Practical: 1 credit

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

Semester – IV

Theory

Teaching Hours: 45

Module 1: Introduction to Human Development

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 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, अष्टप्त्रे बालविकास

कांडलकर लीना मानव (२०००) विकास विद्या प्रकाशन नागपूर,

लाटकर प्रियवंदा(2014) मातृकला व बालविकास बालशिक्षण, विद्या बुक्स पब्लिशर्स, औरंगाबाद



"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)



Department of Home Science B.A. Part II Sem. IV NEP 2020 Level 5.0 MIN-II

2MIN01HOM 41(Minor Paper II)
Textile Science and Clothing construction
JUNE 2025 onwards

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 Clothing construction.

CO 4 Demonstrate drafting, cutting, stitching, and finishing of Clothing construction.

Total Credits: 4

Workload:

Theory: 3 credits Practical: 1 credit

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

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 Clothing Construction

10

- 3.1 Terms used in Apparel Construction-Seam Allowance, Pattern, Grading, Notch, Stay stitching
 - 3.2 Tools and equipment used for Clothing Construction
- 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 10

- 4.1 Body Measurement-Types and Guidelines for taking body measurements
- 4.2 Drafting, Types of Paper Pattern
- 4. 3 Basic Elements of Clothing 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

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

Practical Exam

10Marks:

Method of Evaluation: Practical Exam (Internal)

- Q. 1 Submission of Journal 2 Marks
- Q. 2 Draftingandcutting of any one garment of the following with full measurements -
 - 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:



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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

- 1.1 Needs of Children
- 1.2 Rights of Children
- 1.3 Importance of early years in individuals life



- 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:

वालविकास 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



 $^{\prime\prime}$ Dissemination of Education for Knowledge, Science and Culture $^{\prime\prime}$ Shikshanmaharshi Dr.Bapuji Salunkhe

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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 2Consumer 15

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



वैरागडे, लाटकर, मुळे (2010)आधुनिक गृहव्यवस्थापण विद्याबुक्स पब्लिशर्स औरंगाबाद वैरागडे उज्ज्वला, अग्रवाल अन्विता(2009), वस्त्रशास्त्राचीसंकल्पनाव फॅशन डिझाईनिंग

विद्या बुक्सपब्लिशर्सऔरंगाबाद

• किटे कांचन, माळोदे भावना (२०१४) फॅशन डिझाईनिंगची मुलतत्वे , श्री साईनाथ प्रकाशन , नागपूर

काळे सुनिता, (2004) वस्त्रशास्त्र, पवन प्रकाशन, परभणी

