

**Gondwana University, Gadchiroli**  
**Master of Arts (NEP 2020)**  
**M.A. Home Economics**  
**Examination Scheme**  
**SEMESTER- I**

| Paper Code     | Major Papers                          | Teaching Scheme (Hrs/Week) | Examination Scheme |            |                       |                                |             |                      |                             |       |
|----------------|---------------------------------------|----------------------------|--------------------|------------|-----------------------|--------------------------------|-------------|----------------------|-----------------------------|-------|
|                |                                       |                            | Theory / Practical | Credit     | Max Marks             |                                | Total Marks | Min. Passing Marks   |                             |       |
|                |                                       |                            |                    |            | University Assessment | Practical / College Assessment |             | UA+CA (Theory) Marks | Practical / Internal (Mark) | Total |
| PGHEC T1       | Paper I - Resource Management         | 4                          | 4                  | 80         | 20                    | 100                            | 32+08       | -                    | 40                          |       |
| PGHEC T2       | Paper II - Human Development          | 4                          | 4                  | 80         | 20                    | 100                            | 32+08       | -                    | 40                          |       |
| PGHEC T3 (P-I) | Paper III -Textilê & Clothing         | 4+2 = 6                    | 4                  | 60         | 25/15                 | 100                            | 24+06       | 10                   | 40                          |       |
| PGHEC T4       | Paper IV - Research Method            | 4                          | 4                  | 80         | 20                    | 100                            | 32+08       | -                    | 40                          |       |
|                | <b>Elective Paper (Any one)</b>       |                            |                    |            |                       |                                |             |                      |                             |       |
| PGHEC T5       | I - Family Dynamics                   | 4                          | 4                  | 80         | 20                    | 100                            | 32+08       | -                    | 40                          |       |
|                | II - Early Childhood Care & Education |                            |                    |            |                       |                                |             |                      |                             |       |
|                | III - Fashion Designing               |                            |                    |            |                       |                                |             |                      |                             |       |
|                | IV - Traditional Indian Costume       |                            |                    |            |                       |                                |             |                      |                             |       |
|                | V - Project                           |                            |                    |            |                       |                                |             |                      |                             |       |
|                | <b>Total</b>                          | <b>22</b>                  | <b>20</b>          | <b>380</b> | <b>120</b>            | <b>500</b>                     | <b>190</b>  | <b>10</b>            | <b>200</b>                  |       |

## SEMESTER- II

| Paper Code      | Major Papers                     | Teaching Scheme (Hrs/Week) | Examination Scheme |                       |                                |             |                      |                             |            |
|-----------------|----------------------------------|----------------------------|--------------------|-----------------------|--------------------------------|-------------|----------------------|-----------------------------|------------|
|                 |                                  | Theory / Practical         | Credit             | Max Marks             |                                | Total Marks | Min. Passing Marks   |                             |            |
|                 |                                  |                            |                    | University Assessment | Practical / College Assessment |             | UA+CA (Theory) Marks | Practical / Internal (Mark) | Total      |
| PGHEC T6        | Paper I - Consumer Education     | 4                          | 4                  | 80                    | 20                             | 100         | 32+08                | -                           | 40         |
| PGHEC T7        | Paper II - Extension Education   | 4                          | 4                  | 80                    | 20                             | 100         | 32+08                | -                           | 40         |
| PGHEC T8 (P-II) | Paper III -Diet Therapy          | 4+2=6                      | 4                  | 60                    | 25/15                          | 100         | 24+06                | 10                          | 40         |
| PGHEC T9        | Paper IV - OJT                   | 4                          | 4                  | 50                    | 50                             | 100         | 20                   | 20                          | 40         |
|                 | <b>Elective Papers (Any one)</b> |                            |                    |                       |                                |             |                      |                             |            |
| PGHEC T10       | I -Statistics                    | 4                          | 4                  | 80                    | 20                             | 100         | 32+08                |                             | 40         |
|                 | II - Banking Sector              |                            |                    |                       |                                |             |                      |                             |            |
|                 | III - Food & Nutrition           |                            |                    |                       |                                |             |                      |                             |            |
|                 | IV - Community Development       |                            |                    |                       |                                |             |                      |                             |            |
|                 | V - Housing and Interior         |                            |                    |                       |                                |             |                      |                             |            |
| <b>Total</b>    | <b>22</b>                        | <b>20</b>                  | <b>20</b>          | <b>320</b>            | <b>150</b>                     | <b>500</b>  | <b>190</b>           | <b>30</b>                   | <b>200</b> |

### **Rules and Regulation**

1. There will be four periods per week for theory and two periods practical / batch/ week per semester.
2. The batch of Practical class should not be exceeding 10 students.
3. The minimum passing marks of Theory paper and internal Assessment is 40(32+8) and practical 10 marks per semester.
4. The minimum passing marks of OJT examination is 40 (20+20).
5. Marks will not be allotted to students if he found absent in a study tour/project.

### **CERTIFICATE**

#### **Department of Home-Economics**

Name of the College.....

This is to certify that this practical record is the Original practical work of Shri/Ku./Smt.....

Class.....Semester.....During the academic year.....

He / She has attended /not attended the field work / Study tour / project prescribed by the Gondwana University ,Gadchiroli.

Head of Department

## **PATTERN OF EXAMINATION (ALL SEMESTER)**

### **Theory:**

Three theory papers of 80 marks each and three hours exam duration will be conducted at the end of each semester.

### **Practical:**

1. One OJT examination of 100 marks and of Six hours duration of each semester will be conducted at the end of the same semester.
2. Practical examination of all semester will be three hours duration conducted by Internal and External examiners appointed by the University.

### **Internal Assessment:**

Head of the department will carry out an internal assessment of the student on the basis of an evaluation report from the concerned teachers.

Distribution of 15/20 marks of internal assessment is as per paper according to the examination scheme.

### **Pattern of Question Paper (according to the examination scheme)**

- |        |                                     |                                   |
|--------|-------------------------------------|-----------------------------------|
| Que 1: | A) Unit I<br>OR<br>B) Unit II       | Marks 20/15                       |
| Que 2: | A) Unit III<br><br>OR<br>B) Unit IV | Marks 20/15                       |
| Que 3: | A) Unit I                           | Marks 20/15<br>(10/7.5 mark each) |

B) Unit II

OR

C) Unit I

D) Unit II

Que 4: A) Unit III

Marks 20  
(10 /7.5mark each)

B) Unit IV

OR

C) Unit III

D) Unit IV

Marks 20  
(10 /7.5 mark each)

**NATIONAL EDUCATION POLICY – 2020  
(2023-2024)**

**Gondwana University, Gadchiroli  
Master of Arts (Semester Pattern)  
M.A. HOME ECONOMICS  
Semester – I  
MAJOR PAPER - I  
RESOURCE MANAGEMENT (PGHECT1)**

**TOTAL MARKS – 100 MARKS  
Time- 3 Hrs**

**Credit - 04  
Theory - 80 marks  
College Assessments – 20 Marks**

**Objectives:**

- 1 To understand the fundamentals of Resource Management.
- 2 To apply efficient decision-making steps in day-to-day life.
- 3 To create awareness about the importance of money Management.
- 4 To apply the skill of Managerial process.

**Unit – I**

**Aspect of Home Management**

1. Concept and activities of home management.
2. Techniques of decision making.
3. Concept and Classification of family resources.
4. Managerial process – Planning, Controlling, evaluation.
5. Meaning and Importance of Work simplification.

**Unit - II**

**Family life cycle**

1. Stages of family life cycle.
2. Effect of westernization on family life stages.
3. Contribution of homemakers in management of family life cycle.

4. Role of home makers in management of resources according to income group.

### **Unit – III**

#### **Stress Management**

1. Concept and importance of Stress Management.
2. Types of Stress.
3. Causes and effect of stress.
4. Stress Management techniques.
5. Prevention for Stress Management.

### **Unit – IV.**

#### **Family Income and Budget Management**

1. Concept and objectives of Family income.
2. Classification of family income.
3. Factors affecting on family income
4. Family Budget - Concept and importance of family Budget.
5. Characteristics of good Budget.
6. Techniques of Money Management.

#### **Internal assessment**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

#### **References:**

1. Bhargava Dr Bela 2005: Family Resource Management and Interior Decoration, University Book House Pvt. Ltd., ISBN-13 978-8187339229
2. Gupta Sushma 2018: Textbook of Family Resource Management: Hygiene and Psychology, Kalyani Publishers, ISBN-10 9327293975

3. Singh Dr Brinda 2020: Family Resource Management, Panchsheel Prakashan
4. P. Seetharaman 2019: An Introduction to Family Resource Management, CBS Publications
5. Shrivastav D.N. 2015: Family Resource Management, SBPD Publication House, ISBN-10 9350473011
6. Moore J. Tami 2021: Resource Management, SAGE Publication, ASIN B09B8LXBR5
7. Smith C. Jonathan 2002: Stress Management: A comprehensive handbook of techniques and Strategies, ISBN-13 978-0826149473
8. Weblink to Equivalent MOOC on SWAYAM if relevant:
9. Weblink to Equivalent Virtual Lab if relevant:
10. Any pertinent media (recorded lectures, YouTube, etc.) if relevant:
  
11. आवास एवं गृह सज्जा - करुणा शर्मा
12. आधुनिक गृह-व्यवस्थापन - उज्वला वैरागडे, प्रियंवदा लाटकर, विदुलता मुळे, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
13. कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट - त्रिवेणी फरकाडे, सुलभा गोंगे, पिंपळापुरे अँड कं. पब्लिशर्स नागपूर.
14. गृह आणि आंतरिक सजावट - डॉ. लता ग. सावरकर प्रकाशक : मेसर्स रजनी प्रकाशन, नागपूर.
15. कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट - डॉ. मीना काळेले, पिंपळापुरे अँड पब्लिशर्स, नागपूर.
16. गृहव्यवस्थापन - डॉ. ज्योती गायकवाड, श्री मंगेश प्रकाशन श्री शांता दुर्गा निवास तरुण भारत जवळ, नागपूर
17. गृहअर्थशास्त्र प्रा. डॉ. भाग्यलक्ष्मी मुनशी, डॉ. नंदिनी जठार, पिंपळापुरे अँड कं. पब्लिकेशर्स नागपूर.
18. आधुनिक गृहव्यवस्थापन आणि गृहसजावट डॉ. विद्या कोल्हटकर विश्व पब्लिशर्स अँड डिस्ट्रीब्युटर्स नागपूर.
19. आधुनिक गृहव्यवस्थापन - महाजन आणि वसू , श्री मंगेश प्रकाशन नागपूर.



**Gondwana University, Gadchiroli**  
**Master of Arts (Semester Pattern)**  
**M.A. HOME ECONOMICS**  
**Semester – I**  
**MAJOR PAPER – II**  
**HUMAN DEVELOPMENT (PGHECT2)**

**Total Marks – 100**

**Time- 3 Hrs**

**Credit - 04**

**Semester Examination -80 marks**

**College Assessment – 20 Marks**

**Objectives:**

1. To apply the skill of Managerial process.
2. To introduce the students to the major concept of Human Development.
3. To make students aware of childhood education.
4. To acquire knowledge about different stages of Human life .
5. To provide the information to the students about Personality Development.

**Unit-I**

**Introduction to Human Development**

1. Meaning, definition, Importance and stages of Human Development.
2. Various Aspects of Development.
3. Methods of child study
  - a. Running Record
  - b. Interview Method
  - c. Observation Method
  - d. Biographical Method
  - e. Case Study Method
  - f. Experimental method
4. Personality Development

- a. Meaning and definition
- b. Determinants of Personality Development
- c. Factors affecting Personality Development – Heredity and environment, Learning and Maturity.

## **Unit - II**

### **1. Early Childhood**

- a. Meaning and definition
- b. Characteristics
- c. Developmental tasks
- d. Socialization and social behavior
- e. Happiness and Hazards

### **2. Late Childhood**

- a. Meaning and definition
- b. Characteristics
- c. Developmental tasks
- d. Happiness and Hazards
- e. Skills during Late Childhood
- f. Importance of Moral development

## **Unit – III**

### **1. Puberty**

- a. Characteristics
- b. Causes
- c. developmental tasks
- d. Physical changes
- e. Happiness and Interest
- f. Problems and family relationship

## 2. Adolescence

- a. Characteristics
- b. Developmental tasks
- c. Physical changes and sex interest
- d. Behavior hazards and happiness.

## Unit – IV

### Adulthood to Old Age

- a. Concept and Definition of Adulthood and Old Age
- b. Adulthood - developmental tasks
- c. Vocational adjustment and hazards in Adulthood
- d. Middle-age - Concept and Developmental tasks
- e. Middle-Age - Physiological changes, premenopausal and Menopausal changes.
- f. Problems of old age- Family, social, physical and psychological

### Internal Assessment:

- |                                |          |
|--------------------------------|----------|
| 1. Assignment                  | 05 marks |
| 2. Educational Visit / Project | 10 marks |
| 3. Group discussion / Seminar  | 05 marks |

### Suggested Readings:

1. Human Development:: Dr. Neeta Agrawal, Dr. Akanksha Tripathi
2. वैकासिक मानसशास्त्र : डॉ. बोरुडे ,डॉ. एम. कुमठेकर डॉ.बी.एच. देसाई, एस गोलविलकर,
3. मानव विकास लीना कांडलकर, Vidya Prakashan, Nagpur.
4. विवाह आणि कौटुंबिक संबंध त्रीवणी फरकाडे, Sulbha Gonge, Vidya Prakashan, Nagpur.
5. बालविकास शास्त्र, त्रिवेणी फरकाडे
6. Any pertinent media (recorded lectures, YouTube, etc.) if relevant:

**Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M.A. HOME ECONOMICS**

**Semester – I**

**Major**

**PAPER – III**

**TEXTILE & CLOTHING (PGHECT3 P-1)**

**Credit -04**

**Total marks – 100 Marks**

**Theory - 60 marks**

**Time- 3 Hrs**

**College Assessment – 15 Marks**

**Practical -25 Marks**

**Objectives:**

1. To develop an understanding of different types of fibers, yarns and finishes.
2. To gain knowledge of weaving, Knitting and dyeing.
3. To gain knowledge of Traditional Textiles of India.
4. To develop the skills of making paper patterns for different types of garments.

**Unit- I**

**Textile Fibres & Yarn**

1. Classification of Textile fibers.
  - a. Natural fibers – Cotton, Silk, Wool.
  - b. Synthetic fibers - Polyester, Nylon, Acetate.
2. Manufacturing process, properties and uses of fibers.

3. Yarn formation - Mechanical and chemical spinning.
4. Types of yarns - simple, Novelty, Textured yarn.

## **Unit- II**

### **Fabric Construction.**

1. Fabric Construction – Concept and Definition.
2. Methods of Fabric Construction
  - a. Knitting - warp & weft knit and their uses.
  - b. Weaving - Hand loom and its parts and function, basic weaves and Jacquard weaves.
  - c. Non Woven – Felting, Braiding and their uses

## **Unit – III**

### **Dyeing and Finishing**

#### **1. Dyeing**

- a. Classification of dyes and their suitability to different fibers.
  - i. Natural - Vegetable dyes, Animal dyes, Mineral dyes,
  - ii. Synthetic - Acid, Direct, Basic, Mordant, Reactive, Vat, Sulphur, Azoic, Pigments.
- b. Different dyeing Methods – Fibre (stock) dyeing; Yarn dyeing, Piece dyeing and Garment dyeing.

#### **2. Finishes**

- a. Definition, classification and Purpose of finishes.
- b. Types of finishes
  - I. General / Basic Finishes – Mercerizing, Singeing, Scouring, Sanforizing, Bleaching, Tendering, calendaring, Sizing,
  - II. Special Finishes – Waterproof (Water Repellant), FireProof, Moth Proof, Wrinkle/ Crease Resistant, (Shrinkage Control)

## Unit – IV

### Traditional Textile of India

#### 1. Traditional Textiles of India

- a. Sarees – Chanderi, Paithani, Dhaka, Patola, Bandhani, Baluchari and Sarees from Maharashtra.
- b. Brocade – Himru-Amru, Kam-Khwab, Bafta, Abirawan, Painted fabric Madhubani and Kalamkari.

#### 2. Regional Embroideries of India.

- a. History of Embroidery
- b. Care and Selection of design for embroidery
- c. Embroideries - Kasuti of Karnataka, Phulkari of Punjab, Khatiwada Embroidery of Gujarat, Embroidery of Kuccha. ChickenKari of Uttar Pradesh, .Bengali Kantha, Kashmiri Embroidery and Appliqué work of Bihar.

### Internal assessment

|                               |          |
|-------------------------------|----------|
| 1 Assignment                  | 05 marks |
| 2 Educational Visit / Project | 10 marks |
| 3 Group discussion / Seminar  | 05 marks |

### Practical

#### 1) Making album of samples of different regional Embroideries of India

- a. Kashmiri Kashida
- b. Karnataki Kasuti
- c. Bengali Kantha
- d. Kathiwadi Sindhi
- e. Jardozi Work

#### 2) Making 04 sample of each one – Seam, Pleat, Gather, Tucks

#### 3) Drafting, cutting and stitching garment

- a. Patiyala / chudidar / Salwar

b. Kurta

c. Simple Blouse / Katori Blouse/ Prince Cut Blouse.

**Making scheme of Practical Exam:**

**Time 3 Hours**

|   |      |
|---|------|
| 1. Record Book and Album                                | - 03 |
| 2. Samples of any one type of Seam, Tuck, Pleat, gather | - 03 |
| 3. Embroidery Sample (any one)                          | - 05 |
| 4. Drafting, Cutting, Stitching garment                 | - 12 |
| 5. Viva   | - 02 |

Total

25

**References:-**

- 1) Vastrashastrachi sankalpna v Fashion Designing Ujwala Vairagde, Anvita Agrawal, Vidya Book Publishers, Aurangabad.
- 2) Fashion Designing, Saroj Zanjali, Pimplapure Book Distributors, Nagpur.
- 3) Vastrashastra Parichay, Indira Khadse, Class X, Himalaya Publishing House, Nagpur.
- 4) Vastrashastra, Vimal Adhau.
- 5) Dr. Premila Verma -Vastra Vidya evam Paridhan.
- 6) Dr. Vrunda Sing – Vastra Vidyanaevam Paridhan.
- 7) Dr. Kshama Limaye – Vastrashastrachi Rupresha, Standard Publications, Nagpur.
- 8) Varsha Ghatpande, Vanita Kulkarni, - Vastrashastrachi Multatvve, Sheth Publications, Mumbai.
- 9) Dr. Rajni Mehre, Shubhangi Harne – Bharatkala parmparik v adhunik, Shri. Sainath Prakashan, Nagpur.
- 10) Pratibha Kale- Kapdawaril Kalakusar, Rohan Prakashan, Pune.
- 11) Text Book of clothing & Textile by Sushma Gupta, Neeru Garg, Renu Saini, Kalyani Publishers, Ludhiana.
- 12) Potter MD 4 Corbman B.P. Textiles – Fibre for fabrics, By McGowhillnc, USA
- 13) Prayag R.S.- Textile Finishing, 1994.
- 14) Pandit savitri – India Embroidary.
- 15) Norma Hollen Jane Saddler, Anria L. Langford-Textile fifth edition, Macmillan Publishing Co. Inc. New York.
- 16) Ritu Jindal – Hand Book for fashion designing Mittal Publication, New Delhi

17) Zarapkar K. R. Zarapkar Systems of Cutting, Part 1&2 Navneet Publications (India) Limited, Mumbai.

18) John willow Nicholas Barnard – Traditional Indian Textiles.

19) Weblink to Equivalent MOOC on SWAYAM if relevant:



**Gondwana University, Gadchiroli**  
**Master of Arts (Semester Pattern)**  
**M. A. HOME ECONOMICS**  
**Semester – I**  
**MINAR PAPER**  
**PAPER – IV**  
**RESEARCH METHOD (PGHECT4)**

|                                |                                      |
|--------------------------------|--------------------------------------|
|                                | <b>Credit - 04</b>                   |
| <b>Total Marks – 100 Marks</b> | <b>Theory – 80 Marks</b>             |
| <b>Time – 3 Hrs. Internal</b>  | <b>College Assessment – 20 Marks</b> |

**Objectives:**

1. To understand meaning, process and importance of data collection in Research Methods,
2. To acquire knowledge about selection of problems, tools and methods for conducting research.
3. To motivate and generate scientific reports from the research.

**Unit – I**

**Introduction of Research**

1. Meaning and definition of Research.
2. Basic and Applied Research, Scientific Research Process.
3. Types of Research methods in social sciences - Historical, survey, Case studies, Experimental.
4. Significance of library, computer and statistics in Research - Literature survey, Review of work carried out by other gaps in research.
5. Formulation of research plan (Synopsis) - Selection of problem for research, Objectives and hypotheses, Design of study.
6. Hypothesis - Importance of hypotheses formulation, concept of null hypothesis and testing.

7. Census and sampling methods - size of sample and Types of sampling techniques.

## **Unit – II**

### **Research Methods - Data Collection**

1. Definitions and Importance of Data.
2. Primary Sources of Data - Direct Observation, Questionnaire, Schedule, Interview.
3. Secondary Sources of Data - Personal documents, public Documents.
4. The distinction between Primary and Secondary Data
5. Reliability of data validity , measuring techniques of data.

## **Unit – III**

### **Tools of Data Collection**

1. Observation :
  - a. Definition and characteristics of observation,
  - b. Types of observation
  - c. Merits and importance of observation Method
2. Interview:
  - a. Meaning and definition of interview.
  - b. Characteristics and main objects of interview.
  - c. Types of interview.
3. Questionnaire:
  - a. Meaning and definition of questionnaire.
  - b. Merits and Demerits or limitations of questionnaire.
  - c. Types of questionnaires.
4. Schedule.
  - a. Definitions and objectives of Schedule.
  - b. Process-of preparing schedule.
  - c. Steps, utility or importance of schedule.

## Unit – IV

### Research Process & Publication

1. Basic Preliminary – Introduction and statement of problems.
2. Objectives, hypothesis and review of literature.
3. Research Methodology.
4. Result, discussion and conclusion.
5. Summary, references and bibliography.
6. Preparation of an abstract and research paper for publication.

### Internal assessment

20 Marks

- |                               |    |
|-------------------------------|----|
| 1. Assignment                 | 05 |
| 2. Survey / Project           | 10 |
| 3. Group discussion / Seminar | 05 |

### Reference Books

1. Mishra R.P: Research methodology
2. Bhandarkar P.L. : Research methodology in social science.
3. Kothari, C.R. (1993): Research Methodology, Methods and Techniques Wiley Eastern Ltd, New Delhi.
4. Dr. R.P. Devdas : A handbook of Research Methodology.
5. G.J. Mouley: The science of Educational research
6. Shaikshanik Sanshodhan, H.N. Jagtap, Fadke Prakashan, Kolhapur
7. Tumche Praband Likhan, Pol Olliver, Sage Publication India Pvt. Ltd, New Delhi.

**Gondwana University, Gadchiroli**  
**Master of Arts (Semester Pattern)**  
**M. A. HOME ECONOMICS**  
**Semester – I**  
**ELECTIVE PAPER**  
**PAPER – V (ELECTIVE – I)**  
**FAMILY DYNAMICS (PGHECT5)**  
**Credit - 04**

**Total Marks – 100 Marks**

**Theory – 80 Marks**

**Time – 3 Hrs. Internal**

**College Assessment – 20 Marks**

**Objectives:**

1. To recognize changes in marriage and family patterns.
2. To recognize variations in family life.
3. To recognize Society's current understanding of family.
4. To understand the family as socio-cultural unit for human life.
5. To understand the old age problems and to create a sense of dignity and sympathy for the elders in youth.

**Unit - I**

**Adulthood**

- a. Developmental tasks and sex-role adjustment
- b. Vocational adjustment and hazards
- c. Developmental tasks and social adjustment
- d. Personal and Marital adjustment.

## **Unit - II Social systems**

### **1. Marriage**

- a. Changing concept of marriage, motives and readiness
- b. Legal aspect - Marriage Act and conflicts-Dowry,
- c. Divorce and their effects on children.

### **2. Family**

- a. Meaning and definition
- b. Basic principles of Family.
- c. Types of Family.
- d. Family & parent- child relationship in modern time.
- e. Changing pattern of family type in India.
- f. Family stages.

## **Unit - III**

### **1. Old age**

- a. Adjustment in life and family.
- b. Services for aged - Law and facilities for senior citizens.

### **2. Women Study**

- a. Status in Indian society-Social, political, health and employment.
- b. Violence against women - Domestic, at work place and public place.

## **Unit - IV**

### **1. Mental Health**

- a. Concept of mental health and hygiene.
- b. Emotions and Mental health.

### **2. Counseling - need, types and the process**

### **Internal assessment**

|                               |          |
|-------------------------------|----------|
| 1 Assignment                  | 05 marks |
| 2 Educational Visit / Project | 10 marks |
| 3 Group discussion / Seminar  | 05 marks |

### **Suggested Readings:**

1. Human Development:: Dr. Neeta Agrawal, Dr. Akanksha Tripathi
2. Developmental Psychology: Dr. R.R.Borude, Dr. M. Kumthekar, Dr. B.H. Desai, S. Golwilkar,
3. Manav Vikas, Leena Kandalkar, Vidya Prakashan, Nagpur.
4. Vivah aani kautumbik samband, Triveni Farkade, Sulbha Gonge, Vidya Prakashan, Nagpur.
5. Web link to Equivalent MOOC on SWAYAM if relevant:
6. <https://www.mooc-list.com/tags/human-development>

**Gondwana University, Gadchiroli**  
**Master of Arts (Semester Pattern)**  
**M. A. HOME ECONOMICS**  
**Semester – I**  
**PAPER – V (ELECTIVE – II )**  
**EARLY CHILDHOOD CARE AND EDUCATION (PGHECT5)**  
**Credit - 04**

**Total Marks – 100 Marks**

**Theory – 80 Marks**

**Time – 3 Hrs. Internal**

**College Assessment – 20 Marks**

1. **Objectives:**
2. To appreciate sequential ages of development during child-hood.
3. To sensitize students about child-hood behaviour problems.
4. To understand and appreciate the importance of parent-child relationship.
5. To develop in students creative ability related to children- leading to enhanced employability.

**Unit I**

1. Introduction of Child-hood
2. Growth & Development , factors influencing on growth & development
3. Heredity and Environment
4. Childhood Behaviour Problems: Its causes & remedies

**Unit - II**

1. Early Child-hood Characteristics, Developmental tasks, Development in Early Child-hood, Hazards
2. Parents-child relationship: Importance, need for desirable child rearing practices.
3. Discipline in Childhood – Meaning and importance of discipline, Elements of discipline, Techniques of discipline
4. Play – Meaning and importance of play, value of play, Types of play,
  - i. suitable play material and environment

### **Unit - III**

1. Care for special need children, Services for special children
2. Organisation for children, Centre for Child care- play centres, Activities in centres
3. Common diseases of childhood
4. Infectious Diseases and Immunization

### **Unit - IV**

1. Pre-school Education – Importance of education
2. Method for pre-school education & it's Importance 1) Kinder Garden method 2) Montessori.method 3) Nursery school method 4) Balwadi education method
3. Content of education
4. ICDS Program

### **Internal assessmentr**

- |                                |          |
|--------------------------------|----------|
| 1. Assignment                  | 05 marks |
| 2. Educational Visit / Project | 10 marks |
| 3. Group discussion / Seminar  | 05 marks |

### **Suggested Readings:**

1. Basic Principles of Child Development: Dr. Sushma Date, Dr. Panna Akhai
2. Child rearing and psycho-social development. New Delhi : Lidhop M (1987) Ashish Publication.
3. Speaking of child care, Every thing you wanted to know.(Gupta (1991) 2nd Ed. New Delhi, Starling.
4. Human Development : Human Development : Dr. Neeta Agrawal, Dr. Akanksha Tripathi
5. Child development .Dr. Indira B. Khadse
6. Child Development : Elizabeth Hurlock
7. Child growth and development : Elizabeth Hurlock



8. Manvi Vikas, Leena Kandalkar, Vidya Prakashan, Nagpur.
9. Vival aani kautumbik samband, Triveni Farkade, Sulbha Gonge, Vidya Prakashan, Nagpur.
10. Developmental Psychology: Dr. R.R. Borude, Dr. M. Kumthekar, Dr. B.H. Desai, S. Golwilkar
11. The Exceptional child: Inclusion in Early childhood Education- K. Eileen Allen and Glynnis, E. Cowdery.
12. Effective Practices in Early childhood Education: Building a Foundation – Dr. Sue. Bredekamp
13. Matrukala Balvikas v Balshikshan, Priyamvada Lathkar, Vidya Book Publisher, Aurangabad.
14. Web link to Equivalent Virtual Lab if relevant:
15. Any pertinent media (recorded lectures, YouTube, etc.) if relevant:

**Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – I**

**PAPER – V (ELECTIVE – III)**

**FASHION DESIGNING (PGHECT5)**

**Credit - 04**

**Total marks – 100 Marks**

**Theory - 80 marks**

**College Assessment – 20 Marks**

**Objectives:-**

1. To acquire knowledge about Design Analysis.
2. To enhance the ability how to apply the latest fashion in clothing construction.
3. To develop fabric care skills among the students.
4. To develop the skill of Selection of dress design according to different types of figure.

**Unit - I**

1. Design Analysis
  - a. Principle of design - Harmony, Balance, Proportion, Rhythm and Emphasis.
  - b. Elements of Art – line, colour, design & Texture.
  - c. Application of Elements of Arts and principles of design in clothing.
2. Methods of design
  - a. Structural design.
  - b. Surface design - Different methods of printing Tie & dye, Batik, Screen, Stencil, Roller and block printing.
  - c. Advantages and disadvantages of different methods of printing.

## Unit- II

1. Introduction to fabric care- Darning and mender
2. Laundry equipment –according to washing, drying and finishes.  
Principles and method of washing and finishes.
3. Additives used in Laundering – stiffening bluing and optical brightness.
4. Dry cleaning – principles and methods.

## Unit- III

1. Scope and Importance of Clothing.
2. General Principles of clothing construction.
3. Fitting problems and their remedies.
4. Renovation of garment ( households articles )

## Unit- IV

1. Selection of dress design according to different types of figure.
2. Fashion
  - a. Meaning and Definition of fashion.
  - b. Origin of fashion, fashion cycle.
  - c. Factor affecting fashion and fashion trends.
3. Machine
  - a. Parts of Machine.
  - b. Functions of Machine.
  - c. Care of Machine.
  - d. Maintenance problems and general repair of Machine.

## Internal Assessment

- |                                |          |
|--------------------------------|----------|
| 1. Assignment                  | 05 marks |
| 2. Educational Visit / Project | 10 marks |
| 3. Group discussion / Seminar  | 05 marks |

## References:-

- 1) Dr. Uajwala Vairagade, Anvita Agrawal. – Vastrashastrachi Sanklpana v Fashion Designing.
- 2) Saroj Zanjali - Fashion Designing, Pimplapure Book Distributors, Nagpur.

- 3) Dr.Indira Khadse – Vastrashastra Parichay , Class X, Himalaya Publishing House,Nagpur.
- 4) Dr. Vimal Adau – Vastrashastra
- 5) Dr. Premila Verma -Vastra Vidyaevam Paridhan.
- 6) Dr. Vrunda Sing – Vastra Vidyaevam Paridhan.
- 7) Dr. Kshama Limaye – Vastrashastrachi Rupresha, Standard Publications, Nagpur.
- 8) Varsha Ghatpande, Vanita Kulkarni, - Vastrashastrachi Multatvve, Sheth Publications, Mumbai.
- 9) Text Book of clothing & Textile by Sushma Gupta, Neeru Garg,Renu Saini, Kalyani Publishers, Ludhiana.
- 10) Potter MD 4 Corbman B.P. Textiles – Fibre for fabrics, By McGowhillnc, USA
- 11) Prayag R.S.- Textile Finishing,1994.
- 12) Norma Hollen Jane Saddler,Anria L.Langford-Textile fifth edition, Macmillan Publishing Co. Inc. New Yark.
- 13) Ritu Jindal – Hand Book for fashion designing Mittal Publication, New Delhi
- 14) Zarakkar K. R. Zarakkar Systems of Cutting, Part 1&2 Navneet Publications (India) Limited, Mumbai.
- 15) Web link to Equivalent Virtual Lab if relevant:
- 16) Any pertinent media (recorded lectures, YouTube, etc.) if relevant:

**Gondwana University, Gadchiroli**

**M.A. (Master of Arts) Semester-I**

**Subject – Home Economics**

**PAPER – V (ELECTIVE – IV)**

**TRADITIONAL INDIAN COSTUME (PGHECT5)**

**Credit - 04**

**Total marks – 100 Marks**

**Theory - 80 marks**

**College Assessment – 20 Marks**

**Objective:-**

- 1) To Study the history of Traditional Indian design
- 2) To import knowledge of Tradition designees & motive.

**Unit 1 :-**

- 1.1 History of Textile design
- 1.2 Design – meaning and scope, Idea and its Application, Types, Structure and Types of surface ornamentation.
- 1.3 Regional Textiles – Introduction, Scope and Importance

**Unit 2 :-**

Traditional Textile and Costumes of India

1 Kalamkari

2 Patola

3 Tie & Dye

Costume for Men & Women

### **Unit 3:-**

Study of following silk sarrees in References to colour, yarn, motif, Techniques, use in it.

- 3.1 Gaddhwal silk
- 3.2 Narayan Peth
- 3.3 Baluchari silk
- 3.4 Bangalore silk
- 3.5 Paithni

### **Unit 4:-**

Study of following in Reference to colour, Yarn, Motif, Techniques use in it.

- 4.1 Dhoti (Male and Female)
- 4.2 Gampchha (Male & Female)
- 4.3 Pancha Shawl

### **Internal assessment**

- |                                |          |
|--------------------------------|----------|
| 4. Assignment                  | 05 marks |
| 5. Educational Visit / Project | 10 marks |
| 6. Group discussion / Seminar  | 05 marks |

### **References -**

1. Traditional Indian costume & Textile by – Parul Bhatnagar
2. Patolas and Resist dyed fabrics of Indian by- Hema Karkoria
3. Threads and voices – by Lalia Tyabji
4. Dr. Uajwala Vairagade, Anvita Agrawal. – Vastrashastrachi Sanklpana v Fashion Designing.
5. Saroj Zanjali - Fashion Designing, Pimplapure Book Distributors, Nagpur.
6. Dr.Indira Khadse – Vastrashastra Parichay , Class X, Himalaya Publishing House,Nagpur.
7. Dr. Vimal Adau – Vastrashastra
8. Dr. Premila Verma -Vastra Vidyanavevam Paridhan.
9. Dr. Vrunda Sing – Vastra Vidyanavevam Paridhan.

10. Dr. Kshama Limaye – Vastrashastrachi Rupresha, Standard Publications, Nagpur.
11. Varsha Ghatpande, Vanita Kulkarni, - Vastrashastrachi Multatvve, Sheth Publications, Mumbai.
12. Ritu Jindal – Hand Book for fashion designing Mittal Publication, New Delhi
13. Zarpkar K. R. Zarpkar Systems of Cutting, Part 1&2 Navneet Publications (India) Limited, Mumbai.
14. Web link to Equivalent Virtual Lab if relevant:

**Gondwana University, Gadchiroli**  
**Master of Arts (Semester Pattern)**  
**M. A. HOME ECONOMICS**  
**Semester – I**  
**PAPER – V (ELECTIVE – V)**  
**PROJECT (PGHECT5)**

Credit - 04

Total marks – 100 Marks

Theory - 80 marks

College Assessment – 20 Marks

- 1) Subject Selection
- 2) Reason and important of problems selection
- 3) Problem Formulation
- 4) Initial Questions
- 5) Objectives of Research
- 6) Research Hypothesis
- 7) Area of Research
- 8) A universe of Research
- 9) Sample Selection
- 10) Research Design
- 11) Data Collection
- 12) Research Variables
- 13) Steps of Data Processing of Analysis
  - A) Editing
  - B) Encoding
  - C) Coding Manual
  - D) Master Chart
  - E) Tabulation
  - F) Tabular Analysis
  - G) Graph
- 14) Key Findings
- 15) Conclusion
- 16) Hypothesis Testing
- 17) Suggestions and Recommendations
- 18) Casework
- 19) Reference Bibliography



**Gondwana University, Gadchoroli**

**M.A. (Master of Arts) Semester-II**

**Subject – Home Economics**

**PAPER I – CONSUMER EDUCATION (PGHECT6)**

**Major (DSC)**

Total Credit:4

Total Marks:100

Theory: 80

College Assessment:20

### **OBJECTIVES**

1. To know rights, roles and responsibilities of consumers in the market.
2. To understand the basic concept of Market process and economical system.
3. To know the principles and techniques of decision-making as a consumer.
4. To be aware about the role of women as consumers.

### **Unit I**

1. Introduction of consumer economics. Definition and Importance of consumer and buyer.
2. Family security and money management - A Budget for the family, A good budget
3. Characteristics and Need of consumer- buyer economics in life.
4. Basic concept of goods and consumption- Nature and classification of standard of living.
5. Laws of Consumption, Consumers equilibrium and scale of preference.
6. Consumer's demand - Laws, Schedule, Elasticity and types of demand, demand and supply.

## **Unit II**

1. Consumer problems - Commodities Availability, rate and quality information, services.
2. Problems due to artificial scarcity and deceptive practices.
3. Distribution channel - wholesale shop, Retail shop, co-operative stores, shopping malls. Middleman's role in the market.
4. Retailing services - Packing and delivery return facility, Inspection and selection facility, Guarantee Scheme, telephonic and e-[net] purchasing.
5. Modes of payment- cash, Credit, credit and debit card, hire purchases ,instalment system and cash on delivery system (COD)

## **Unit III**

1. Consumer Protection Rights and Responsibilities of Consumers, Needs of protection for Consumers, The guarantee regarding weight measure and quality of goods.
2. Women Consumer - Rights and responsibilities of homemakers and their role in the Consumer Movement.

## **Unit IV**

### **Consumer and Taxation**

- a. Different kinds of tax
- b. Taxation expenditure
- c. Effect of taxes on consumption.

**Internal assessment****Total Marks -20**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

**References:-**

1. Upbhokta Grahak - Dr. Sunanda Sonarikar
2. Economics for Consumer: L.J. Jordan
3. Consumer economics: J.N Morgan
4. Community Development, Extension Education, And women Empowerment - U.K. Varagade, V.P. Muley.

**Gondwana University, Gadchoroli**  
**M.A. (Master of Arts) Semester- II**  
**Subject – Home Economics**  
**Paper II: - Major (DSE)**  
**EXTENSION EDUCATION (PGHECT6)**

Total Credit:4  
Total Marks:100  
Theory: 80  
CollegeAssessment:20

**Objectives:-**

- To understand the process of program planning and its importance in Extension work.
- To create an awareness about the importance of various programs, Public Relations, and leaders favoring the well-being of the community.
- To understand the role of extension education and NGOs in development.
- To develop an ability to supervise extension programs.

**UNIT –I**

**Principles of Extension Education**

1. Extension Education - Definition, scope, philosophy and objectives.
2. Classification of teaching methods.
3. Extension agencies and workers
  - a) i) Gram – Sevika ii) Mahila mandal iii) Youth clubs iv) NGOs
  - v) Local agencies.
4. Extension agencies and workers role, functions and contributions in Community development.

## **UNIT -II**

### **Technology & Rural Women**

1. Technology and Rural women's - Meaning and definition
2. Women's Economic Empowerment and Home Science Extension.
3. Science & Technology for women
4. Government Extension Programme.-
  - a. National women's Enlightenment
  - b. Integrated Rural Development Programme. (IRDP)
  - c. Integrated Child Development Programme (ICDS)
  - d. Individual Aid under self -Employment scheme for women.

## **UNIT- III**

### **Leadership in Extension Education**

1. Leadership - Meaning, Definition and need.
2. Leadership - Importance, types and training.
3. Role of Local leader in extension work.
4. Qualities of Leader.
5. Method of identifying and selection of Leader.

## **UNIT- IV**

### **Methods of teaching extension education.**

1. Conducting seminars, demonstrations and Symposium Exhibition.
2. Role of Extensions workers in Community development,
3. Functions and Contribution of U.N. Agencies UNESCO, UNICEF, UNDP.

4. Use of Audio Visual Aids in community Development -  
Face Book, G-Mail, Mail, Mobil Phone & Internet.

**Internal assessment**

**Total Marks -20**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

**References: -**

1. An Introduction to Extension Education: S.V. Supe.
2. Extension Education: M.B. Tijare.
3. Extension Education: A. Reddy.
4. Education and communication for development, Dahama & Bhatnagar.
5. Extension in planned Social change: B. Rudra Murthy.
6. Extension communication and management: G.L. Ray.
7. Extension Education: Dr. Adivi Reddy.
8. Adult Education: C.L. Kundu.
9. Samudaik Vikas, Vistar Shikshan v Mhila Sablikaran, Uajwala Vairagade, Viddulata Mule.
10. Gruh Vidnyan Vistar, Triveni Farkade, Sulbha Gonge, Piplapure, Nagpur
11. Samudaik Vikas ani Vistar Shikshan, Baba Tijare, Ajay Kinkhedkar.

**Gondwana University, Gadchoroli**  
**M.A. (Master of Arts) Semester-II**  
**Subject – Home Economics**  
**Paper III – Major (DSC)**

**DIET THERAPY (PGHECT8 P-2)**

Total Credit:4  
Total Marks:100  
Theory: 60  
College Assessment:15  
Practical :25

**OBJECTIVES:**

1. To provide knowledge about causes, symptoms of various diseases.
2. To understand the role of Therapeutic diet in the management of diseases.
3. To plan, calculate and prepare diets for various diseases.

**UNIT- I**

**Principles Therapeutic diet**

1. Reviews of nutrients - a. Macro nutrients- Proteins, Carbohydrates, Fats and Water b. Micro nutrients- Vitamins, Minerals, Fibres and Energymetabolism
2. Application of principles of diet therapy – Importance of
  - a. Diet counseling
  - b. Dietetic care of patients
3. Principles of dietary management for therapeutic modification to the normal diet – Liquid diet, Soft diet, Bland diet , Low fiber diet, Low calorie Diet
4. Diet feeding
  - a. Psychological factors involved in feeding
  - b. Modes of i. Enterable ii. Parenteral

## **UNIT - II**

### **Conditions required for nutritional supports**

1. Weight management – Principles of dietary management for
  - a. Obesity and Overweight - Types and causes
  - b. Underweight - Definitions and problems
2. Dietary management of some special conditions
  - i. Fever ii. Anemia iii. Burns iv. Surgery
3. Dietary management of gastrointestinal disorders – causes, symptoms and dietary care - Peptic Ulcer.
4. Food exchange list : use in diet.

## **UNIT III**

### **Assessment of nutritional status**

1. Anthropometric measurements
2. Clinical assessments
3. Laboratory Investigation
4. Diet Sevey
5. Vital statistics
6. Ecological study

## **UNIT – IV Nutritional support for cancer & diabetes mellitus.**

1. Types and causes
2. Protective effects of some food components
3. Effects on Nutritional Status
4. Dietary Treatment



**Internal assessment****Total Marks: 15**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |

**Practical -****Planning, calculation and preparation of Diets**

1. Obesity and Overweight
2. Peptic ulcer
3. Fever
4. Anemia
5. Diabetes mellitus

**Practical Exam****Total Marks -25**

- |                                |      |
|--------------------------------|------|
| 1. Diet planning & calculation | - 10 |
| 2. Preparation & presentation  | - 10 |
| 3. Record book                 | - 02 |
| 4. Viva                        | - 03 |

**References :-**

1. Applied Nutrition:R.RajLaxmi
2. Aharshatra:Asha Deuskarand Saral Lele,N agpur
3. Cookery: Geeta Singh, Maharashtra Granth Nirmiti Mandal
4. Sciece in kitchen:Varsha Johi,Rohan Prakashan
5. Aharshastra , Manjusha Molwane, Kailash Publication, Aurangabad.
6. Aharopchar ani Samudaik Poshan,Shobha Vaghmare,
7. Aharavishyi Sare Kahi, Vasumati Dhur,
8. Poshan avm Ahar Vidnyan, G.P. Shairi,

**Gondwana University, Gadchiroli**  
**M.A. (Master of Arts) Semester-II<sup>nd</sup>**  
**Subject – Home Economics**  
**Paper IV - OJT (On JOB Training) (PGHECT9)**  
**SMALL SCALE INDUSTRIES AND DIGITAL MARKETING**

Total Credit:4  
Total Marks:100  
College Assessment : 50  
Viva by External Examiner: 50

**Objectives**

1. To create job and self-employment opportunities.
2. To help in the development of the rural areas of the economy.
3. To help in improving the standard of living.

**Practical**

**1.1 Small Scale Industries various field. (Any One) 40 Marks**

1. Paper bags manufacturing
2. Making Bakery Products
3. Small toy's manufacturing
4. Pickle manufacturing
5. Masala manufacturing
6. Flower & Bouquet Making
7. Fabric Printing

**1.2 Digital marketing 10marks**

- 1] Blogging
- 2] YouTube channel
- 3] Social media. Facebook, Twitter, Instagram, whatsapp etc.

## REFERENCES

1. Abdul Latif (2011), Women Entrepreneur in Small Medium Enterprises (SMEs) and their Contribution on Sustainable Economic Development in Sindh, Journal of Sustainable Development Vol. 4, No. 4;
2. Adeyemi, Sidikat Laraba, Aremu, Mukaila Ayanda(2011), Small and Medium Scale Enterprises as A Survival Strategy for Employment Generation in Nigeria, Journal of Sustainable Development Vol. 4, No.1
3. Ayozie Daniel Ogechukwu1; Latinwo H. K (2010 ), Entrepreneurial developments and small scale industry contribution to Nigerian national development- A marketing interface, Information Management and Business Review, Vol. 1, No. 2, pp. 51-68, 4. Banujam .K.V. (1998), Poverty Alleviation through Rural Industrialisation Kurukshetra, Indian Journal of Rural Development, Vol. 33. Oct.1, pp. 51-53.
5. Berna. (2001), Entrepreneurship in Madras state, Yojana, April 30, Vol. 35, No. 7, pp. 6-7.
6. CHEN Lixia, MENG Bo (2011), Research on the Symbiotic Relationship between Small & Medium-sized Enterprises and Banks in Jilin Province, , International Business and Management, Vol. 2, No. 1., pp. 107-112
7. Chuthamas Chittithaworn (2011), Factors Affecting Business Success of Small & Medium Enterprises (SMEs) in Thailand, Asian Social Science Vol. 7, No. 5;
8. Economic Survey-Government of India, 2004-2005.
9. Gholam Ali. (1999), Help makes small scale Industries viable, Yojana Oct. 15 ,Vol. No. 12, pp. 12-17. Gholam Ali. (1999), Help makes small scale Industries viable, Yojana Oct. 15 ,Vol. No. 12, pp. 12-17.
10. GU Wenlin, Kong Xiangzhong(2011), The Empirical Research on Financial Risk Factors of GEM Companies, Vol. 7, No. 4, pp. 181-185
11. H.S. Pareck.( 2004), Financing of small Scale industries in a developing Economy. New Delhi: National Publications House.

**Gondwana University, Gadchiroli**  
**M.A. Semester- II nd**  
**Subject :- HOME- ECONOMICS**  
**ELECTIVE PAPER**  
**Paper V (Elective -1)**  
**STATISTICS (PGHECT10)**

**Total Credit 04**  
**Total marks-100Marks**  
**Semester Examination – 80 Marks**  
**Internal Assessment-20Marks**

**Objectives:**

1. To know how to use statistics in social science Research.
2. To know data Processing.
3. To know about Graphic representation of data.

**Unit-I**

1. Meaning and definition of statistics, use of statistics in social sciences.
2. Collection and organization of statistical data.
3. Measures of tendencies and dispersion—mean, mode, median.

**Unit-II**

1. Data processing: classification and tabulation.
2. Graphic and diagrammatic representation of data
3. Concept of Deviation - Mean and standard Deviation.

### Unit-III

#### 1. Distribution Tests

- a. Test-Small sample test- difference of mean
- b. F-test for equality of variance

#### 2. Regression line and Confidence limits.

#### Internal assessment

#### Total Marks -20

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

#### References

1. Kumar, R (2011) Research Methodology: A step by Guide for Beginners, SAGE publication
2. Kothari, C R (2004):Research Methodology: Methods and Techniques, 2nd Revised Edition, New Age International Publishers
3. Gupta, S P:statistical Methods 4. Agalave Pradip (2008) ,
4. Samajik sanshodhan padhati : padha tishystr v tanantre, Sainatha prakashan , Nagapur
5. Karhade B M (2011) ,shastriya sanshodhan padhati :Pimpalapur Prakashan Nagpur.
6. Shaikshanik Sanshodhan,H.N. Jagtap, Fadke Prakashan,Kolhapur
7. Tumche Praband Likhan, Pol Olliver,Sage Publication India Pvt. Ltd,New Delhi.
8. Web link to Equivalent MOOC on SWAYAM if relevant:
9. Web link to Equivalent Virtual Lab if relevant:
- 10.Any pertinent media (recorded lectures, YouTube, etc.) if relevant:

**Gondwana University, Gadchiroli**  
**M.A. (Master of Arts) Semester-II<sup>nd</sup>**  
**Subject – Home Economics**  
**Paper - V Elective - 2**  
**BANKING SECTOR (PGHECT10)**

**Total Credit:4**  
**Total Marks: 100**  
**Theory: 80**  
**College Assessment: 20**

**Objectives :-**

1. Students should get information about bank
2. To know the Bank Transactions
3. To know about Internet and Mobile Banking
4. Students should use the Internet and mobile Banking to save Energy and Time.

**Unit I**

1:1 Bank –Meaning,Importance, Formations,Characteristics.

1:2 Integrate Banking-Mobile Banking

Debit Card, Credit card, Passbook, bank Check, ATM, G-Pay, UPI

**Unit II**

1) Types of Bank 2) Functions 3) Characteristics of Banking.

2.2 Commercial Bank :- Types & functions.

- A] Private Sector Bank
- B] Public Sector Bank
- C] Regional Rural Bank
- D] Foreign Bank

**Unit III** –3.1 Corporative bank type & function

- A] State Corporative Bank  
B] Urban Corporative Bank  
3.2 Payment Bank

- A] Schedule bank  
B] Non schedule bank  
C] Small finance bank

**Unit IV – 4.1 Online Banking**

- A] IMPS , NEFT , RTGS

**Internal assessment**

**Total Marks -20**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

**References :-**

Bank म्हणजेकाय ? A Bank Information in Marathi (marathibusiness.in)

**Textbook :-**

1. भारतीय वित्तीय व्यवस्थाडॉ . अरविंदशेंडे, डॉ.पी.टी. चौधरी, अनुराधाप्रकाशन, नागपूर.
2. बीमा के सिद्धान्त एवं व्यवहार, साहित्यभवनपब्लिकेशन :आगरा
3. बैंकिंग और बीमा, डॉ .योगिताचन्देलडॉ .विपुलपटेल :यशराजपब्लिशर
4. भारतातील बँक विषयक कायदे आणि व्यवहार २, डॉ. डी .जी .उशीर ,डॉ. एस .आर .जावळे ,डॉ. विजयाएन. गुरूसळ ,डॉ. एन. बी. वाघचौरे ,डॉ. एस. पी. आढाव, निरालीप्रकाशन

**Gondwana University, Gadchiroli**  
**M.A. Semester II**  
**HOME-ECONOMICS**  
**Paper -V Elective - 3**  
**FOOD & NUTRITION (PGHECT10)**

**Total Credit:4**  
**Total Marks: 100**  
**Theory: 80**  
**College Assessment: 20**

**OBJECTIVES:**

1. To orient the basic principles of nutrition assessment for community nutrition.
2. To understand the role of nutritional assessment for t community nutrition.
3. To understand food chemistry and microbiology.
4. To know principles of cookery.

**UNIT- I**

1. Introduction of nutrients- a. Macro nutrients- Proteins, Carbohydrates, Fats and Water b. Micro nutrients- Vitamins, Minerals, Fibres.
2. Digestive System – a. Review of structure, digestion, absorption and Metabolism of nutrients. b. Malnutrition effect on physical, mental health.
3. Community nutrition - a. Assessment of nutritional status and their limitations i. Anthropometry ii. Diet survey iii. Vital statistics b. Sensory Evaluation of food.



## **UNIT- II**

### **NUTRITION EDUCATION**

1. Nutrition Education Evaluation - Problems involved in organizing the programme and it's solutions.
2. National Nutrition programmes – ICDS, ANP
3. Food Laws and food safety.
4. Women and Nutrition - a. Status of women in global, national and local level
5. Improving status of health.

## **UNIT – III**

### **FOOD CHEMISTRY AND MICROBIOLOGY**

1. New foods - Bamboo rice, space food, oil cake, leaf protein.
2. Study of – a] Toxins i. Aflatoxin ii. Khesari dal iii. Ergot Fungus  
iv. Radio-active materials.  
b) Leavening agents,  
c) Preservatives  
d) Antioxidant and Browning reaction
3. Food microbiology of Fruits, vegetables and milk.

## **UNIT- IV**

### **EXPERIMENTAL COOKERY**

1. Egg: Effect of different cooking method
2. Vegetable and Fruit : Effect of different cooking method
3. Oil and Fat : Role of fat in cooking

**Internal assessment****Total Marks -20**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

**References :-**

1. Applied Nutrition:R.RajLaxmi
2. Aharshatra:Asha Deuskarand Saral Lele,N agpur
3. Cookery: Geeta Singh, Maharashtra Granth Nirmiti Mandal
4. Sciecne in kitchen:Varsha Johi,Rohan Prakashan
5. Aharshastra , Manjusha Molwane, Kailash Publication, Aurangabad.
6. Aharopchar ani Samudaik Poshan,Shobha Vaghmare,
7. Aharavishyi Sare Kahi, Vasumati Dhur,
8. Poshan avam Ahar Vidhyan, G.P. Shairi,

**Gondwana University, Gadchoroli**  
**M.A. (Master of Arts) Semester-II<sup>nd</sup>**  
**Subject – Home Economics**  
**Paper V – Elective -4**  
**COMMUNITY DEVELOPMENT (PGHECT10)**

Total Credit:4  
Total Marks:100  
Theory: 80  
College Assessment:20

**OBJECTIVES**

1. To introduce Community Development.
2. To create awareness for Community Development.
3. To motivate entrepreneurship.
4. To develop creativity, ability and skills related to the Extension education For Community Development.
5. To use skills related to the Extension of education to community development.
6. To know about Disaster Management.

**UNIT – I**

**Introduction to Sustainable Development and Environmental Problems.**

1. Meaning, Definition, Need and Obstacles.
2. Philosophy, Characteristics, and Objectives.
3. Sustainable Development and Environmental Problems - Different types of issues - Social , Economical Environmental and Political

**UNIT – II**

**Economic Empowerment and community development**

1. Introduction, Meaning, Concept.
2. Entrepreneurship - Meaning, Definition, Importance, need and Characteristics
3. Entrepreneurship Opportunities, fund facilities, and obstacles for Rural, tribal People.
4. Enterprise's - Types and Characteristics.

### **UNIT – III**

#### **Development and Disaster Management**

1. Disaster - Introduction, Meaning, Concept Classification and their effect on daily life. .
2. Disaster Management - Definition. Need and Objectives.
3. Disaster Prevention Management Methods and tools.
4. Types of helps for Rescue, rehabilitation and Relief.

### **UNIT- IV**

#### **Information Technology & e-governance for community development**

1. Community development - Concept, Definition, Social Responsibilities.
2. Information Technology - Concept, Definition, Utility and Advantages in Daily life, Use in education and monitory fields.
3. E-governance - Background / History, Definition, Importance and Advantages, Awareness and Utility in daily life.
4. Use of Information Technology in e -governance for Community Development.

#### **Internal assessment**

#### **Total Marks -20**

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

**References:-**

1. गृहविज्ञान विस्तार शिक्षण Farkade & Gonge- VidhyaPrakashan Nagpur.
2. गृहविज्ञान विस्तार शिक्षण - Dr. Kamlesh Kumari - Discovery Publication, Dehli
3. सामुदायिक विकास आणि विस्तार शिक्षण Vairagade, Mule -Pimpalapur Pub. Aurangabad.
4. सामुदायिक विकास आणि विस्तार शिक्षण - Tijare M. B.
5. Library computerization and Modernization - Phadke D. N. Universal pub. Pune.

**Gondwana University, Gadchoroli**  
**M.A. (Master of Arts) Semester-II<sup>nd</sup>**  
**Subject – Home Economics**  
**Paper V Elective-5**  
**HOUSING AND INTERIOR (PGHECT10)**

Total Credit:4  
Total Marks:100  
Theory: 80  
College Assessment:20

**Objectives:-**

- To realize the basic concepts of housing.
- To know how to control costs while building a house.
- To introduce architecture.
- To inform about the basic facilities required while building a house.

**Unit-I**

1. History of housing

- a. Concept of housing.
- b. Changes in housing needs and standard
- c. Housing values and goals in the present time

2. Factors affecting on housing in India

- a. Economic Status
- b. Occupation and Family mobility

- c. Social and cultural status

## **Unit II**

### 1. Cost of house and financing for housing

- a. Estimation of the cost of housing.
- b. Ways to control and economizing the cost of Housing.
- c. Different public and private Loan schemes for Housing.

### 2. Vatushatra concept in Housing

- a. Placement of rooms
- b. Placement of doors

### 3. Upholstery fabric

- a. Selection of fabric
- b. Wall treatment – wallpaper, paint, tiles
- c. Accessories.
  - i. housing
  - ii. relation of the picture to room
  - iii. Other accessories

## **Unit III**

### 1. Amenities

- a. Water supply sources - Tap water, well water, treatment of water for excluding impurities, Hard water, soft water.
- b. House Drainage: - Drainage of kitchen water Drainage of unsanitary water, Rainwater from a terrace
- c. Lighting

- I. Direct and Indirect Lighting
- II. Types of wiring.

#### Unit IV

1. Kitchen arrangement
  - a. Gramin type.
  - b. Modular Kitchen, Merit demerits of Gramin and Modular Kitchen
2. Solar energy – Definition, Importance
  - a. Use of Solar energy in Solar cookers, Geasor, Kandil, fan, and tublite.
  - b. Merit and Demerits of solar energy and electricity.

#### Internal assessment

#### Total Marks -20

- |                                |            |
|--------------------------------|------------|
| 1. Assignment                  | - 05 marks |
| 2. Educational Visit / Project | - 10 marks |
| 3. Group discussion / Seminar  | - 05 marks |

#### References :

1. GruhaVyvasthan - Manju Patni
2. Sajaavati teel Saptarang - Vaishali Shivte, Dr. J. Godsehy
3. AwasevamGruhaSajja - Karuna Sharma
4. Gruharthashastra, Munshi, Jathar, Piplapure Publishers, Nagpur.
5. आवास एवं गृह सज्जा - करुणा शर्मा
6. आधुनिक गृह-व्यवस्थापन - उज्वला वैरागडे, प्रियंवदा लाटकर, विदुलता मुळे, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
7. कौटुंबिक संसाधनाचे व्यवस्थापन आणि गृहसजावट - त्रिवेणी फरकाडे, सुलभा गोंगे, पिंपळापुरे अँड कं.पब्लिशर्स नागपूर.
8. गृह आणि आंतरिक सजावट - डॉ. लता ग. सावरकर प्रकाशक : मेसर्स रजनी प्रकाशन, नागपूर.



9. कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट -डॉ. मीना काळेले, पिंपळापुणे अँड पब्लिशर्स, नागपूर.
10. गृहव्यवस्थापन - डॉ. ज्योती गायकवाड, श्री मंगेश प्रकाशन श्री शांता दुर्गा निवास तरुण भारत जवळ, नागपूर
11. गृहअर्थशास्त्र प्रा. डॉ. भाग्यलक्ष्मी मुनशी, डॉ. नंदिनी जठार, पिंपळापुणे अँड कं. पब्लिकेशर्स नागपूर.
12. आधुनिक गृहव्यवस्थापन आणि गृहसजावट डॉ. विद्या कोल्हटकर विश्व पब्लिशर्स अँड डिस्ट्रीब्युटर्स नागपूर.

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