

**GONDWANA DIGITAL UNIVERSITY, GADCHIROLI**

**CHOICE BASED CREDIT SYSTEM SEMESTER PATTERN**

**FACULTY OF SOCIAL SCIENCES**

**M.A. HOME ECONOMICS**

**SYLLABUS FOR M.A. I & II**

**2016-2017**

## CURRICULUM STRUCTURE AND SCHEAM OF EVALUATION

FOR SEM.I, III & SEM.II, IV

### FIVE CREDITS PATTERN FOR HOME ECONOMICS

A. Theory: 5 PERIODS/ WEEK/PAPER [4 CREDITS]

B. PRACTICALS/SESSIONAL: 2 PERIODS/ WEEK/ PAPER  
[1CREDITS]

i. First M.A. Home Economics Semester I students will have -

- **Core course**[FOUR core papers]

1. Paper I [C-1] - RESEARCH METHOD- I

2. Paper II [C-2] - RESOURCE MANAGEMENT-I

3. Paper III [C-3] - HUMAN DEVELOPMENT

4. Paper IV [C-4] - TEXTILE AND CLOTHING -I

ii. M.A. Home Economics Semester II students will have -

- **Core course**[FOUR core papers]

1. Paper I [C-1] - RESEARCH METHOD- II

2. Paper II [C-2] - RESOURCE MANAGEMENT-II

3. Paper III [C-3] - FAMILY DYNAMICS

4. Paper IV [C-4] - TEXTILE & CLOTHING -II

iii. Second M.A. Home Economics Semester III students will have -

**Choice based course with core and Elective Papers**

**for students from other discipline also**

[ Any one optional paper]

- **Core course**[ three core papers]

1. Paper I [C-1] - CONSUMER ECONOMICS

2. Paper II [C-2] - FOOD AND NUTRITION

3. Paper III [C-3] - EXTENSION EDUCATION -I

4. Paper IV [C-4] - **Elective Paper**[ Any one optional paper]

i. CB1 - HOUSING AND INTERIORS

ii. CB2 - SOCIAL RELATION AND HEALTH

iii. CB3- RESEARCH PROJECT- PILOT STUDY

iv. Second M.A. Home Economics Semester IV students will have -

- **Core course**[ three core papers]

1. Paper I [C-1] - CONSUMER ECONOMICS -II

2. Paper II [C-2] - DIET THERAPY

3. Paper III [C-3] - EXTENSION EDUCATION-II

4. Paper IV - **Elective Papers**[ Any one optional paper]

**Choice based course for students from other discipline also**

i. CB1 - HOUSING INTERIOR -II

ii. CB2 - COMMUNITY HEALTH

iii. CB3- DISSERTATION

### **PATTERN OF EXAMINATION [For All Semesters]**

#### **A. Theory :**

Three theory papers of each semester will be of 80 marks, And one Paper will be of 60 marks of three hours duration each will be conducted at the end of each semester.

#### **B. Practical :**

- 1) One Practical examination of 20 marks and of three hours for each semester will be conducted at the end of the same semester.
- 2) Practical examination of all semesters will be conducted by Internal and External examiners.

### C. Internal Assessment:

1) Head of the Department will carry out internal assessment of the students will be done on the basis of evaluation report from the concerned teachers, and will be done at the end of each semester.

2) Distribution of 20 marks of internal assessment is as under

ii) Assignment/Activity 10 marks

iii) Educational Visit/Project 05 marks

iv) Group discussion/ Seminar 05 marks

### Gondawana University, Gadchiroli

### Master of Arts (Choice Based Credit system Semester Pattern)

### M. A. HOME ECONOMICS - [Semester - wise - distribution of marks]

### Distribution of Marks

No.	Unit		LAQ	SAQ		TOTAL
1.	I		20			20
2.	II		20			20
3.	III			10+10		20
4.	IV			10+10		20
	Total		40	40		80

## Pattern of Question Paper

**Q. No 1.** Two Question of Unit No I and Unit No. II with internal choice **Marks 20**

**Q. No 2.** Two Questions of Unit No III and Unit No. with internal choice **Marks 20**

**Q. No 3.** Two Question of Unit No I and Unit II with internal choice each question would carry two sub question **Marks 20**

**Q. No 4.** Two Question of Unit No III and Unit No IV with internal choice each question would carry two sub question **Marks 20**

## Rules and Regulation

1. The teacher has to teach the syllabus for theory papers in 5 periods per week.
2. The batch of Practical class should not be exceeding 10 students.
3. The minimum passing marks of Theory paper + Internal Assessment is 40.
4. The minimum marks for passing practical examination are 40.
5. The student has to pass theory and practical examination separately.
6. Marks will not be allotted to student if she found absent in any activity.

It is necessary to attach the following certificate to each practical record of every semester while submitting before practical examination.

## 1. Semester I

S.No.	Theory Paper	Theory / Practical	Examination Scheme						
			Exam. Duration [Hrs.]	Max Marks		Total Marks	Min. Passing Marks		
				THEORY (Uni. paper) MARKS	Internal/ Practical Marks		THEORY Marks	Practical /Internal Marks	Total
1	Paper - I RESEARCH METHODS I	05/02	03	80	20	100	32	08	40
2	Paper - II RESOURCE MANAGEMENT	05/02	03	80	20	100	32	08	40
3	Paper - III HUMAN DEVELOPMENT	05/02	03	80	20	100	32	08	40
4	Paper - IV TEXTILE AND CLOTHING- I	05/02/02	03	60	20/20	100	24	08/08	40
Total		30	12	300	100	400	120	40	160

## 2. SEMESTER II

S.No.	Theory Paper	Theory / Practical	Examination Scheme						
			Exam. Duration [ Hrs]	Max Marks		Total Marks	Min. Passing Marks		
				THEORY (Uni. paper) Marks	Practical/Int ernal Marks		ITH Marks	Practical /Internal Marks	Total
1	Paper – I RESEARCH METHODS II	05/02	03	80	20	100	32	08	40
2	Paper - II RESOURCE MANAGEMENT	05/02	03	80	20	100	32	08	40
3	Paper - III FAMILY DYNAMICS	05/02	03	80	20	100	32	08	40
4	Paper - IV TEXTILE AND CLOTHING-II	05/02/02	03	60	20/20	100	24	08/08	40
Total		30	12	300	100	400	120	40	160

### 3. SEMESTER III

S.No.	Theory Paper	Theory / Practical	Examination Scheme						
			Exam. Duration [Hrs]	Max Marks		Total Marks	Min. Passing Marks		
		Teaching Scheme (Hrs/Week)		THEORY (Uni. paper) Marks	Practical / Internal Marks		TH Marks	Practical /Internal Marks	Total
1	Paper - I FOODS AND NUTRITION	05/02/02	03	60	20/20	100	24	08/08	40
2	Paper - II CONSUMER AND THE MARKET -I	05/02	03	80	20	100	32	08	40
3	Paper - III HOME ECONOMICS EXTENSION EDUCATION -I	0/025	03	80	20	100	32	08	40
	Paper - IV - [Elective]								
	I -HOUSING AND INTERIORS -I	05/02	03/	80/	20/	100/	32/	08/	40/
	ii - Social Relation and Health	05/02	03/	80/	20/	100/	32/	08/	40/
	iii - Research Project - Pilot Study	03/02/02	03/	40	40/20	100	16	16/08	40
Total		30	12	280/320	60/80	400	120/104	40/56	160

#### 4. SEMESTER IV

S.No.	Theory Paper	Theory / Practical	Examination Scheme						
			Exam. Duration [Hrs]	Max Marks		Total Marks	Min. Passing Marks		
		Teaching Scheme (Hrs/Week)		THEORY(Uni. paper) Marks	Practical / Internal Marks		TH Marks	Practical /Internal Marks	Total
1	Paper - I DIET THERAPY	5 +2	3	80	20	100	24	08/08	40
2	Paper - II CONSUMER AND THE MARKET	5	3	80	20	100	32	08	40
3	Paper -III HOME ECONOMICS EXTENSION EDUCATION -II	5	3	80	20	100	32	08	40
4	Paper - IV - [Elective]								
	I - HOUSING AND INTERIORS -I	5/	3/	80	20/	100/	32	08	40/
	ii - COMMUNITY HEALTH	5/	3/	80	20/	100/	32	08	40/
	iii - DISSERTATION	--	--	--	60/20/20	100	--	24/08/08	40
<b>Total</b>		Total	22	320/300	60/80	400	120/88	40/72	160

# **Gondwana University, Gadchiroli**

## **Master of Arts ( Semester Pattern)**

### **M.A. HOME ECONOMICS**

#### **Semester – I**

#### **PAPER – I**

**TOTAL MARKS – 100 MARKS      Semester Examination -80 marks**

**Time- 3 Hrs**

**Internal Assessment – 20 Marks**

#### **RESEACH METHODS -I**

##### **Unit – I Home Economics & Research**

1. History, Definition, Philosophy and objectives of Home economics.
2. Home economics as an arts, a social science and science: its relation to others disciplines.
3. The fields of Home economics and carrier opportunities.
4. Role of Home Economics to solve social problems of community, Contributions of scholars.

##### **Unit – II Introduction of Research**

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

### **Unit – III Research Methods**

1. Characteristics of data- Measurement of data; scales used sources of data- traditional and modern, Primary and secondary data.
2. Primary data collection tools- techniques through field work, scales and questionnaires etc.
3. Census and sampling methods- size of sample and Types of sampling techniques.
4. Data processing (Analysis) – frequency distribution, classification.

### **Unit –IV Research Reports & Publication**

1. Preparation of project report; basic heads- introduction to the problem-Objectives and hypotheses-
2. Results of analysis- Summary of findings in the light of the hypotheses-Conclusion.
3. Writing of references, Bibliography.
4. Preparation of an abstract and research paper for publication.

### **Suggested reading;**

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.



# **Gondwana University, Gadchiroli**

## **Master of Arts ( Semester Pattern)**

### **M.A. HOME ECONOMICS**

#### **Semester – I**

#### **PAPER – III**

**TOTAL MARKS – 100 MARKS      Semester Examination -80 marks**

**Time- 3 Hrs**

**Internal Assessment – 20 Marks**

### **HUMAN DEVELOPMENT**

#### **Unit- I**

1. The study of human development – Definition, scope and importance
2. Method of child study
  - a) Scientific method
  - b) Observation method
  - c) Interview method
    - 1) Early Childhood- Characteristic Developmental task, skill of early childhood Socialization and social behavior, Happiness and Hazards during early childhood.
    - 2) Late childhood characteristic Development Task, skill childhood, Hazard and Happiness at Late childhood moral development.

#### **Unit – II**

1. Personality Development
  - a) Self concept
  - b) Heredity and Environment
  - c) Learning and maturation.
2. Cognitive Psychology-
  - a) Meaning, Piaget's Theory- aims, methods
  - b) Stages of Cognitive Development

### **Unit-III**

1. School child- Developmental tasks, skills and moral development- Kohlberg theory, happiness- hazards.
2. Creativity- Definition, Concept, types and degree- Everyday and Eminent.
  - a) Domains- Insight and problem solving.
  - b) Approaches to study-
    - i) Mystical (divine gift)
    - ii) Social personality (McKinnon)
    - iii) Confluence (Gardner)

### **Unit – IV**

1. Puberty- Causes, developmental tasks, Happiness and interests, problems and family relationship.
2. Adolescence- developmental tasks, physical changes sex interest and behavior hazards and happiness.

### **Suggested Reading:**

1. Developmental psychology- Elizabeth Hurlock.
2. Developmental psychology- Borude, Kumthekar and Desai
3. Human development-
- 4.** Kishoravastha- Nalinl chandwaskar

# **Gondwana University, Gadchiroli**

**Master of Arts ( Semester Pattern)**

**M.A. HOME ECONOMICS**

**Semester – I**

**PAPER – IV**

**TOTAL MARKS – 100 MARKS**

**Semester Examination -60 marks**

**Time- 3 Hrs**

**Internal Assessment – 20 Marks**

**Practical 20 Marck**

**TEXTILE & CLOTHING-I**

## **Objectives:**

1. To develop and understanding of different types of fibers, yarns and finishes.
2. To gain practical knowledge of dyeing and weaving.

## **Unit- I Textile Fabric & Yarn**

Classification of Textile fibers - Manufacturing process, properties and uses of – C

Natural fibers – Cotton, silk, wool, synthetic fibers- polyester, Nylon, Acetate.

a) Yarn formation- Mechanical and chemical spinning.

b) Types of yarns- simple, Novelty, Textured yarn

## **Unit- II Fabric construction.**

a) Weaving- Hand loom and its parts and function, basic weaves and jacquard.

b) Knitting-Types of knits – warp & weft knit and their uses.

c) Non Woven – Felts, Bonded fabric, Braiding, their uses.

## **Unit – III Finishing and Dyeing**

A) Finishes – Definition, classification and Purpose of finishes

General Finishes – Scouring, Bleaching, Tentering, Singing and Sizing

Special Finishes – Mercerizing, special calendaring, waterproof and water repellent, fire proof, wrinkle resistant, shrinkage control. (Sanforizing)

B) Dyeing – Classification of dyes – Natural, Synthetic, Pigments, Vegetable dyes.

Different types and their suitability to different fibre , Direct, Acid, Basic, Mordant, Vat, Sulphur, Reactive, Acetate, Azo dyes.

C) Different dyeing Methods – Fibre dyeing; Yarn dyeing, Piece dyeing and Garment dyeing.

#### **Unit – IV Traditional Textile of India**

Traditional Textiles of India – A) Sarees – Chanderi, Paithani, Dacca, Patola, Bandhani, and Baluchari and Sarees from Maharashtra.

B) Broccade – Himru – Amru, Kam – Khwab, Bafta, Abirawan. Painted fabric – Madhubani and Kalamkari.

C) Regional Embroideries of India

#### **Practicals :-**

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

- 1) Kashmiri Kashida
- 2) Karnataki Kasati
- 3) Bengali Kantha
- 4) Kathiwadi Sindhi
- 5) Jardosi Work

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

3) Drafting cutting stitching garment

- 1) Skurt Top
- 2) Simple blouse
- 3) Nightee

#### **Making scheme of Practical Exam: Time 2 Hours**

Record Book and Album	-	02
Samples of any type of printing	-	03
Seam, Tuck, Pleat gather		
Embroidery Sample (any 1)	-	05

Drafting, Cutting, Stitching garment - 10

Total - 20

**References:-**

- 1) Hess – Textile fabric and their uses
- 2) Joseph ML – Essential of Textiles – by Hot Winston New York
- 3) Potter MD 4 Corbman B.P. Textiles – Fibre for fabrics, By McGowhillnc,  
USA
- 4) Doongaji S & Despande R – Basic Process of Clothing Construction.
- 5) Prayag – Textile Printing.
- 6) Panditsavitri – India Embriodary.
- 7) Dorothy Siegart – Lyle, Modern Textile, John Wiley and Sonsslnc New  
York
- 8) Ritu Jindal – Hand Book for fashion designing Mittal Publication, New  
DelhiU
- 9) Zarpkar K. R. Systems of Cutting, Bombay Zarpkar Tailoring College.
- 10) John willow Nicholas Barnard – Traditional Indian Textiles.
- 11) Dr. VimalAdau – Vastrashastra
- 12) Dr. Premila Verma. Vastra – Vidyanavevam Paridhan
- 13) Dr. Vrunda Sing – Vastra - Vidyanavevam Paridhan

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – II**

**PAPER – I**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

**RESEARCH METHOD-II**

## **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 – Range, Mean and standard, Deviation.

## **Unit – III**

1. Descriptive and inferential statistics – Functional and spatial interpretation of the results.
2. Correlation – concept, - A. Pearson's Product moment Correlation B. Spearman's rank correlation.

## **Unit – IV**

1. Distribution Tests :-
  - A. Test – Small sample test – difference of mean
  - B. F – test for equality of variance
2. Regression line and Confidence limits.

**Suggested reading:**

1. S. C. Gupta: Fundamental of applied Statistics
2. C. B. Gupta: An Introduction To Statistics Methods
3. Henry Garret: Statistics in Psychology and Education
4. Ferguson: Statistical analysis in Psychology and Education

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – II**

**PAPER – II**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

**Resource Management-II**

## **Unit – I**

- 1) Resources –
  - a) Concept, definition and meaning of resources
  - b) Classification of resources
  - c) Uses of resources
- 2) Managerial process – Plan, Control, Evaluation

## **Unit - II**

- 1) Money Management
  - a) Definition meaning and importance
  - b) Role of woman in managing family income budget
  - c) Techniques used in money management
  - d) Contribution of working woman in improving economic condition
- 2) Work Simplification
  - a) Meaning and importance
  - b) Techniques of work simplification
  - c) Improving methods of work
  - d) Improving work condition

### **Unit – III**

- 1) Stress Management
  - a) Meaning and importance of stress
  - b) Causes and effect of stress
  - c) Stress management techniques / Coping techniques

### **Unit – IV**

- 1) The Entrepreneur
  - a) Concept, need and process in Entrepreneurship Development
  - b) Role of Enterprise in national and global economy
  - c) Types of entrepreneurship – Merits and Demerits
  - d) Government and private policies and schemes for enterprise
  - e) Developing Entrepreneurial competency requirements and understanding the process of entrepreneurship development, self awareness, interpersonal, Skill, Creative ability, achievements.

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – II**

**PAPER – III**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

## **FAMILY DYNAMICS**

### **Unit I –**

1. Adulthood
  - a. Developmental tasks and sex-role adjustment
  - b. Vocational adjustment and hazards
2. a. Developmental tasks and social adjustment
3. 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, divorce and their effects on children.
2. Family-
  - a. Concept of family role and family life cycle
  - b. Family relationship and effect on the family.

### **Unit III –**

1. Old age-
  - a. Adjustment in life and family.
  - b. Services for aged- Law and facilities for senior citizens.
2. Women
  - 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

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – II**

**PAPER – IV**

**TOTAL MARKS – 100 Marks          Semester Examination – 60 Marks**

**TIME – 3 Hrs.                          Internal Assessment – 20 Marks**

**Practical – 20 Marks**

**TEXTILE & CLOTHING-II**

## **Objectives:-**

- 1) To gain practical knowledge of dyeing, Printing.
- 2) To develop the skills of making paper pattern for different types of garments.

## **Unit- I**

A) Design Analysis-

Principle of design- Harmony, Balance, Proportion,  
Rhythm, and Emphasis.

Elements of Art- line color & Texture

B) Methods of design- Structural and surface, advantages and disadvantages  
of different methods of printing.

Surface design- Different methods of printing          Tie & dye,

Batik, Screen, Stencil, Toller Printing. And block

C) Application of Elements of Arts and principles of design in clothing

## **Unit- II**

- A) Introduction to fabric care- Darning and mender
- B) Laundry equipment washing drying finishes principles and method of washing and finishes
- C) Additives used in Laundering – stiffening bluing and optical brightness  
Dru cleqoning – principles methods.

## **Unit- III**

Scope and Importance of Clothing General Principle of clothing construction

- a. Fitting problems and their remedies
- b. Renovation of garment or house hold articles

## **Unit- IV**

- A. Selection of dress design according to different types of figure.
- B. Definition of fashion, Origin of fashion, fashion cycl, factor affecting fashion and fashion trends.
- C. Machine – parts functions care, maintenance problems and general repair

Practical Marks-20

Making sampler- Pockets, Plackets, Gather

Drafting Cutting stichiting

1. Patiyala/chudidar/ Salwar
2. Kurta
3. Katori Blouse

**Marking Scheme for Practical Exam.**

**Time:2 Hours**

Record Book -	05
Drfting-	05
Stitching-	06
Finishing-	02

Any one sample seams, pockets,plackets, tucks and pleats. 02 = **20**

**References:-**

1. Hess- Textile fabric and their uses
2. Joseph ML- Essential of Textiles- By Hot Winston New Youk
3. Potter MD 4 corbman B.P Textiles- Fibre for fabrics, By McGowhillnc, USA
4. Deongajis, & Deshpande R- Basic Process of Clothing Construction .
5. Prayag - Textile Printing
6. Panditsavitri - Indian Enbriodary.
7. Dorothy Siegart- Lyle,Modern Textiles, John Willey and Sonssinc New York
8. Ritu Jindal- Hand book for fashion designing Mittal Publication, New Delhilu .
9. Zarapkar K.R Systems of Cutting Bombay Zarapkar Tailoring College.
10. John willow Nicholas Barnard \_ Traditional Indian Textilles.
11. Vastrashastra – Dr. Vimal Adhau .

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – III**

**PAPER – I**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

**CONSUMER ECONOPMICS -I**

## **A] OBJECTIVES-**

The following objectives are decided for M.A.II/Semester III/Home Economics / Program for Paper I / CONSUMER AND THE MARKET/ to enable the students as

1. To know their right and the role and responsibilities as consumer in the market.
2. To understand basic concept of Market process and economic system.
3. To Know the principles and techniques of decision making as a consumer .
4. To aware for the roll of woman as consumer.

## **Unit-I B] COURSE COTENT: THEORY-**

1. Introduction of the subject
  - a. Definition of consumer and buyer
  - b. Importance of consumer and buyer

## **UNIT- II BASIC ECONOMIC CONCEPT**

1. Family security and money management- A Budget for family, A good budget's Characteristics.  
Nee of consumer-buyer economics in life.
2. Basic concept of goods and consumption- Nature and classification of wants with living standard, Law of Consumption, Consumer's equilibrium and scale of preference.
3. Consumer's demand- Law, Schedule, Elasticity and types of demand, demand.

## **UNIT-III**

1. Consumer-buyer-Decision-Process, Types, motivation factors and social factors of Consumer's purchase decision, Consumer's Purchasing practices and their merits demerits.
2. Consumer problems- Commodities Availability, rate and quality information and services, Problems due to artificial scarcity and deceptive practices.
3. Market-a, Meaning, types, organization, functions and control of market.
4. Distribution channel – Retail shop, wholesale marketing departmental and co-operative stores, shopping malls. Utility of middleman's roll in market.

## **UNIT-IV**

### **MARKET**

1. Types of Economic system-economy characteristics and their on consumer.  
i) Capitalistic ii. Socialistic iii Mixed economy
2. Retailing services-

- a. Packing and delivery, Return facility, Inspection and selection facility, Gurarantee Scheme, telephonic and e-[net] purchasing.
- b. Modes of payment-cash, Credit, credit and debit card, hire purchases and installment system.

**References:-**

1. Consumer buyer's economics: Dr. Sunanda Sonarikar
2. Economics for Consumer: L.J. Jordan
3. Consumer economics : J.N morgan
4. Community Deveploment, Extension Education And women Empowerment – U.K. Varagade, V.P. Muley

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – III**

**PAPER – II**

**TOTAL MARKS – 100 Marks          Semester Examination – 60 Marks**

**TIME – 3 Hrs.                          Internal Assessment – 20 Marks**

**Practical – 20 Marks**

**FOOD AND NUTRITION**

## **A] OBJECTIVES:**

The following objectives are decided for MAII/ Semester III / Home Economics / Program for paper II / Food and Nutrition to enable the students as

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

## **B] COURSE CONTENT: THEORY**

### **UNIT I : NUTRITION**

1. Reviews of nutrients- a. Macro nutrients- Proteins, Carbohydrates, Fats and Water    b.    Micro nutrients- Vitamins, Minerals, Fibres and Energy metabolism
2. Digestive System – a. Review of structures, digestion, absorption and

- metabolism of nutrients. b. Malnutrition effect on physical, mental health and nation's development.
3. Community nutrition- a. Assessment of nutritional status and their limitations i. Anthropometry ii. Diet survey iii. Vital statistics iv. Ecological factor. b. Sensor Evaluation of food.

## **UNIT II- UNTRITION EDUCATION**

1. Nutrition Education Evaluation- Problems involved in organizing the programme and solutions.
2. National Nutrition programmes – a. ICDS, NNAPP b. Food Laws and food safety.
3. Women and Nutrition- a. Situation in global, national and local context b. Improving status of health.

## **UNIT III- FOOD CHEMISTRY AND MICROBIOLOGY**

1. New foods-Natural or uncommon-Bamboo rice, space food, oil cake, leaf protein.
2. Study of – a. Toxins i. Aflatoxin ii. BOAA iii. Ergot poisoning iv. Radio-active materials b. Leavening agents, Preservatives, Antioxidants and Browning reactk
3. Food microbiology of Fruits, vegetable milk and water.

## **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

## **PRACTICAL**

**1. Cookery**

- a) Effect of    i) Heat        ii) Lemon Juice    iii) Leavening agent  
on    a) Whole pulses- pease, and sprouted gram  
          b)Vegetable- Carrot and Spinach
- b) Preparation of dishes
- i) Pulses-    a) Dhokla,    b) Khandvi
- ii) Cereals    a) Appum    b) Kulcha
- iii)Sugar    a) Fudge    b) Caramel
- c) Crystalization stages in candy making
- d) Temperature and syrup test.

**INTERNAL ASSESSMENT**

**Total Marks:20**

- |                               |           |
|-------------------------------|-----------|
| 1.Menu card with diet plan    | (5 Marks) |
| 2. Seminar/ Home assignment   | (5 Marks) |
| 3. Attendance and Punctuality | (5 Marks) |
| 4. Counselling Project        | (5 Marks) |

**INTERNAL ASSESSMENT**

**Total Marks: 20**

- |                               |           |
|-------------------------------|-----------|
| 1. Home Assignment            | (5 Marks) |
| 2. Seminar/Group Discussion   | (5 Marks) |
| 3. Attendance and Punctuality | (5 Marks) |
| 4. Visit to Health Club       | (5 Marks) |

**SUGGESTED READINGS:**

1. Applied Nutrition : R. Raj Laxmi
2. Aharshatra: Asha Deuskar and Saral Lele, Nagpur
3. Cookery: Geeta Singh, Maharashtra Granth Nirmiti Mandal
4. Sciece in kitchen: Varsha Johi, Tohan Prakashan

5. Shit Pey [cold drinks]: Harshade Bhure, Manorama Prakashan
6. Salads: Mangala Barve, Magestic Prakashan .
7. Veg diet without oil: Sajiv Kapoor, Popular Prakashan
8. Ahargatha: kamla Sohony , Rohan prakashan
9. Ahar-Vigyan: Sudha Naraya, Rohan Prakashan
10. Dietetics: B. Srilaxmi, New Age Internation Pvt.Ltd Pub.
11. Diet and Health: H.V. Sardesai, Shrividya Prakashan
12. Diet and Nutrition: Shobha Waghmare, Vidya Books
13. Nutrition and Dietetics: Shubhangini A. Joshi, Tata McGrawHill Pub.  
Co.Lid
14. Nutrition and Dietetics: Indira Khadse, Himalaya Pub. House
15. Diet Planning : Vrunda Singh , Shyam Pakashan
16. Nutrition and Dietetics : Triveni Farkads Pimpalapure and pub.

# **Gondwana University, Gadchiroli**

## **Master of Arts (Semester Pattern)**

### **M. A. HOME ECONOMICS**

#### **Semester – III**

#### **PAPER – III**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

#### **EXTENSION EDUCATION-I**

#### **A)OBJECTIVES:**

The following objectives are decided for M.A.II/Semester IV/Home Economics/ program for paper I/Extension Education to enable the students as

- To understand the process of programme planning and its important in extension work.
- To create an awareness about importance of various programmes, public relation and leaders favouring the wellbeing of community.
- To understand the roll of extension education and NGOs in community development.
- To develop an ability to supervise extension programme.

#### **B) COURSE COTENT: THEORY**

#### **UNIT I : PRINCIPLES OF EXTENSION EDUCATION**

1. Extension Education
  - a) Definition, scope, philosophy and objectives.
  - b) Classification of teaching methods.
2. Extension agencies and worker's role, function and contribution in community development.
  - a) i. Graqm-Sevika, ii) Mahila mandals, iii) Youth clubs iv) NGOs v) Local agencies.

#### **UNIT II: PUBLIC RELATION**

1. Effective communication need, means and prospects of
  - a) Advertisement, campaign and propaganda
  - b) Media for social change- role, planning, organization and administration.
2. New Avenues of community development-
  - a) Communication
  - b) Literacy,
  - c) Human right
  - d) Environment and Women development
  - e) Research and feedback

**UNIT III: POPULATION EDUCATION**

1. Population Education- Definition causes and effect of population growth.
  - a) Health aspect of family planning.
  - b) National family welfare programme

**UNIT IV: LEADERSHIP IN EXTENSION**

1. Leadership- Definition, need, importance
  - a) Leadership types
  - b) Leadership training
2. Local leader in extension work
  - a) Role and qualities
  - b) Method of identifying and selection.

**INTERNAL ASSESSMENT**

**Total Marks : 20**

- |                               |         |
|-------------------------------|---------|
| 1. Home Assignment            | 5 marks |
| 2. Seminar/Group Discussion   | 5 marks |
| 3. Attendance and Punctuality | 5 marks |
| 4. Visit to ICDS PROJECT      | 5 marks |

**SUGGESTED READINGS:**

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 : o.p. Dahama and Bhatnagar
5. Extension in planned Social change : B. Rudraqmurthy
6. Extension communication and management: G.L. Ray.
7. Extension Education : Dr. Adivi Reddy
8. Adult Education : C.L. Kundu

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – III**

**PAPER – IV**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

## **HOUSING AND INTERIORS-I**

### **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 an 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) Historical Background and Types
  - b) Placement of rooms
  - c) Placement of doors.

### **Unit III**

1. Present housing condition in India
  - a) Quality and quantity at housing available
  - b) Availability of building materials
  - c) Housing management problems

### **Unit IV**

1. Landscaping
  - a) Importance
  - b) Approaching landscape design with an artistic touch- space, line, form texture, color, balance, rhythm. Scale and proportion
  - c) Environment problems pollution and its prevention
2. Landscaping
  - a) Importance
  - b) Transforming yard into outdoor living-floors walls and ceilings
  - c) Selection of landscape plants, structures and lighting ornaments.

**Second M.A./Semester- III**  
**PAPER IV/OPTIONAL PAPER II**

**Social Relation and Health**

**FULL MARKS -100.**

Semester Theory Exam: 80 Marks

**TIME -3 Hrs.**

Internal Assessment: 20 Marks

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**OBJECTIVES:-** The following objectives are decided for Second M.A./ Semester III/ Home Economics /program for Paper IV as a elective / optional paper II - Social relation and Health to enable students

1. To understand the link social relation and health for human life.
2. To familiarize the role of society and health in life.
3. To aware the Occupational health, the work environment and safety.
4. To introduce the basic skills of social relation and health counselling.
5. To develop creativity, ability and skills related to leading to enhance health.

**COURSE COTENT:**

**A.THEORY**

**UNIT I: THE SOCIAL RELATION AND HEALTH**

1. Socialization - i. Social Interaction, Adjustment and Participation  
ii. Social Attitude - Motivation and Determinants of Adjustment  
iii. Social Interaction - Mechanism and process
2. Social Relation i. Types- a. Qualitative b. Quantitative  
ii. Benefits - .a. Physiological b. Psychological c. Behavioural
3. Role Social Relation and health in personality development
4. Linking of Social Relation to health, Stress and cumulative disadvantages
5. Cost, Support and Dark side of Social Relation inequalities

**UNIT II: Social health**

1. Pro-social development, Philosophical base for social Development

2. Social health - . Meaning, Definition and Scope
3. Climate, environment types and Outcomes of health
4. Relationship between Health and Social institute
5. Role of Social institutes and health care

### **UNIT III: Social Environment**

1. Environment of society
2. Environment and diseases
3. Symptoms of diseases and social relation
4. Occupational health, the work environment and safety
5. National policy on work environment, Occupational health and safety

### **UNIT IV: Health for All**

1. Concept and provisions of Health for All.
2. Government Health policies in India
3. Different Health commissions
4. National health policy and health promotion programmes
5. Health Insurance - an alternate economy

### **Assignment Activities**

1. Work-shop for counselling for health within students and report preparation.
2. Net search for social relation health and National health policy
3. Survey for Social health of school children/occupational health.

### **Internal assessment–**

- |  |          |
|--|----------|
| i) Hospital/Health centre visit report | 05 marks |
| ii) Assignment/Activity                | 10 marks |
| iii) Group discussion/ Seminar         | 05 marks |

### **SUGGESTED READINGS:**

1. Arogyashastra - Jununkar Kusum.
2. Family Health- Thakur
3. Arogya ani Samaj -Kulkarni P.K.

**Second M.A./Semester- III**  
**PAPER IV/OPTIONAL PAPER III**

**RESEACH PROJECT- A PILOT STUDY**

**TOTAL MARKS -100 Marks**

**TIME – 3 Hrs.**

**Semester Examination - 60 Marks**

**Internal Assessment - 20 Marks**

**Practical viva/pilot study - 10/10 [20 Marks]**

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**OBJECTIVES:-** The following objectives are decided for Second M.A./  
Semester III/

Home Economics /program for Paper IV as a elective / option paper II  
to enable students

1. To understand the basic concept of research project as a learning method of subject in detail.
2. To understand the purpose, use and mechanism of the pilot study as a research project.
3. To prepare socially workable research design, implementation the research plan.
4. To develop research skill to solve social problems of community.

**Unit – I Introduction of Research Project/Pilot Study**

1. Research Project - Meaning, Definition, need and History.
2. Characteristics, steps and use of research project.
3. Classification of research project.
  - i. problem solving ii. Case study iii. Evaluative.
4. Contributions of researchers to solve social problems of community.

**Unit – II Research project plan**

1. Selection of problem - Meaning, characteristics and sources of problem.

2. Review of Literature – Purpose, Sources- i. Books and Journals  
ii. Abstracts and Reviews, iii. Dissertations iv. Indexes.

3. Design of plan [Synopsis]- Basic Points to consider of research project

i. Aim and Objectives

ii. Hypothesis - Meaning, Characteristics, Types and ways to state

iii. Design of study - – Population, Sample size and Sampling method

iv. Variables - Types and factors consider for selection of variables.

v. Primary data Collection Tools - Types and Characteristics

i. Schedule, Interview and Observation

ii. Questionnaire.

iii. Rating Scales

### **Unit - III**

1. Sample processing– i. Probability and use of Standard Normal curve.

ii.

Deviation or Skewness, Kurtosis

iii. Regression and Prediction

2. Statistical data Processing - i. Central tendency and Mean Difference  
Significance ii. Co-Relation and

inference

3. Hypothesis Testing and Making Inferences - Parametric and Non - parametric Tests i. Parametric - 't' Test and 'f' Test level of Significance

ii. Non-Parametric - Chi-square and Sign Tests

3. Analysis of Variance

#### **Unit - IV**

1. Preparation of project report
2. Results of analysis- Summary of findings in the light of the hypotheses- Conclusion,
3. Writing of references, Bibliography.
4. Preparation of an abstract and research paper for publication.

#### **b. PRACTICAL /Assignment/Activity**

**Marks-20**

Application of computer in Home economics research.

a. Pilot study/small research Scheme [sample 30]

A] Introduction of problem.

B] Objectives and hypotheses.

C] Design of study.

D]Collection of data

E] Processing of-Classification,Tabulation

F ] Digramatic and graphical Presentation of data

G]Interpretation of data and conclusions

H] Report Writing

I] Report preparation and submission

#### **Internal assessment–**

i) Research centre visit report

05 marks

ii) Assignment/Activity

10 marks

iii) Group discussion/ Seminar

05 marks

**Suggested reading;**

1. Best John D. : Research methods in Education.
2. Dr. Barve B.N. (2010) : Research methods in Psychology, Vidya pub. Nagpur.
3. Bhandarkar P.L.: Research methodology in social science
4. Kothari, C.R. (1993): Research Methodology: Methods and Techniques, Wiley Eastern Ltd, New Delhi .
5. Mishra R.P: Research methodology
6. Dr. Devdas Rajmmal : A handbook of Research Methodology.
7. Mouley G. J. : The science of Educational research.

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester - IV**

**PAPER - I**

**TOTAL MARKS - 100 Marks**

**Semester Examination - 80 Marks**

**TIME - 3 Hrs.**

**Internal Assessment - 20 Marks**

## **CONSUMER ECONOMICS-II**

### **Unit I**

1. Price and price level
  - a) Role of price
  - b) Factors affecting price demand supply
  - c) Price determination under perfect competition and monopoly

### **Unit II**

1. Consumer Protection

Right and responsibilities of consumers, Needs for protection of consumer; Guarantee regarding weight measure and quantity of good.

2. Women Consumer -

- a) Right and responsibilities of homemaker and roll in

Consumer movement

- b) Role of homemaker to improve the image of women in advertising

### **Unit III Advertisement and salesmanship**

- a) Meaning and objectives of Advertisement
- b) Medium of Advertisement
- c) Advantages and disadvantages for consumer
- d) Control over advertisement –
  - i) By Government
  - ii) Tenders Association

### **Unit IV Consumer and Taxation**

- a) Different kind of tax
- b) Taxation expenditure
- c) Effect of taxes on consumption, effect of taxes on desire to work

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester – IV**

**PAPER – II**

**TOTAL MARKS – 100 Marks**

**Semester Examination – 80 Marks**

**TIME – 3 Hrs.**

**Internal Assessment – 20 Marks**

**DIET THERAPY**

## **A) OBJECTIVES:**

The following objectives are decided for M. A. II / Semester IV / Home Economics / Program / Paper II / Diet Therapy to enable the student as.

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

## **B) COURSE CONTENT: THEORY**

### **UNIT I: THERAPEUTIC DIET PRINCIPLES**

1. Application of principles of diet therapy – Importance of
  - a. Diet counseling



6. Ecological study

#### **UNITS IV**

#### **DIET THERAPY**

1. Dietary management of Gastrointestinal disorders – causes, symptoms and dietary care

a. Piles    b. Diarrhoea    c. Constipation    d. Peptic Ulcer

2. Dietary management of diseases – diabetes mellitus

#### **PRACTICALES :-**

Planning and preparation of Diets for

1) Piles

2) Diarrhea

3) Constipation

4) Peptic ulcer

5) diabetes mellitus

6) Diet paining calculation -10

7) Prepration presentation-05

8) Record book-05

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester - IV**

**PAPER - III**

**TOTAL MARKS - 100 Marks**

**Semester Examination - 80 Marks**

**TIME - 3 Hrs.**

**Internal Assessment - 20 Marks**

**EXTENSION EDUCATION-II**

## **Unit I**

1. Definitional philosophy and objectives of Home Economics. Home Economics career apart unities in various branches of Home Economics
2. Methods of teaching Home Economics Important of methods.
3. Selecting the Method and making the method effective. Role of Home Economics in helping solve the problems of the communities.

## **Unit II**

1. Adult Education its meaning and objectives various adult education programmes in India
2. Social Education its meaning and objectives social education programmes in India.

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

1. Collection and analysis of data
2. Conducting seminars, demonstration, Symposium Exhibition
3. Communicating through films, literature, and Audio Visual Aids.

## **Unit IV**

1. Role of Extensions workers in Community development Role, Functions

and Contribution of U.N. Agencies UNESCO, UNICEF, UNDP.

2. Use of Audio Visual Aids in community Development Face Book, Mail  
Mobile Phone & Internet

# **Gondwana University, Gadchiroli**

**Master of Arts (Semester Pattern)**

**M. A. HOME ECONOMICS**

**Semester - IV**

**PAPER - IV**

**TOTAL MARKS - 100 Marks**

**Semester Examination - 80 Marks**

**TIME - 3 Hrs.**

**Internal Assessment - 20 Marks**

## **HOUSING AND INTERIOR-II**

### **UNIT I**

1. Furniture
  - a) An important component of interiors
  - b) Modern trends wrought iron, nuwood, sytex, press wood, cane and molded furniture
2. Home Furnishing
  - a) Window treatment
    - i) Draperies
    - ii) curtain
    - iii) redlar shade
3. Upholstery fabric
  - a) Selection of fabric
  - b) Wall treatment - wall paper, paint, tiles
  - c) Accessories-
    - i. housing
    - ii. relation of picture to room
    - iii. Other accessories.

## **Unit II**

1. Garbage Disposal
  - a) Vermi composting
  - b) Vermi culture
  - c) Garbage disposal for multi storied building
2. Study of various types of fixtures and fitting use in home, their use, selection and care
  - a) False ceiling
  - b) Kitchen platform
  - c) Painting and cladding of wall

## **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 insanitary water, Rain water from 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 Cooker, Geasor, Kandil, fan, tublite.

Merit and Demerits of solar energy and electricity.

**Second M.A./Semester- IV**  
**PAPER IV/OPTIONAL PAPER II**

**COMMUNITY HEALTH**

**FULL MARKS -100.**

Semester Theory Exam: 80 Marks

**TIME -3 Hrs.**

Internal Assessment: 20 Marks

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**OBJECTIVES:-** The following objectives are decided for Second M.A./ Semester III/ Home Economics /program for Paper IV as a elective / optional paper III - Community Health to enable students

1. To understand the importance of community health in human life.
2. To familiarize the role of person in life for community health.
3. To aware the need of community health knowledge/counselling.
4. To introduce the basic skills of community health counselling.
5. To develop creativity, ability and skills to enhance community health.

**COURSE COTENT:**

**A.THEORY**

**UNIT I: The Universal Nature Of Community Health**

1. Community -. Meaning, Definition i. Sociological perspective  
ii .Medical Science perspective
2. Health - Definition and Scope of health promotion i. Personal responsibility  
ii. Government responsibility
3. Community Health - Definition and Scope
4. Base ofPublic/ community health- Meaning and Determinants

**UNIT II: CommunityHealth services**

1. Nursing or Health centres - Community Nursing, Therapists
2. Health related Allied professions -. Meaning and Types
3. Camps and campaign - Types and Outcomes of health
4. Diversity of CommunityHealth services

### **UNIT III: Health and Hygiene**

1. Hygiene - Meaning and different levels i. Personal 2. Eco or Surrounding
2. Hygiene in food and Water
3. Diet and Nutrition to health-Community nutrition and Hygiene
4. Community Health and Malnutrition problems.

### **UNIT IV: Community Health in India**

1. Health care of public community- concept development
2. Primary Health principles in India
3. Integrated Health Services
4. Rural health service programmes

### **Assignment - Activities**

1. Field Work- Counseling of health for Self Help Groups and report preparation.
2. Net search for community health and National health services
3. Survey for Social health of school children/senior citizens' health.

### **Internal assessment–**

- |  |          |
|--|----------|
| i) Hospital/Health centre visit report | 05 marks |
| ii) Assignment/Activity                | 10 marks |
| iii) Group discussion/ Seminar         | 05 marks |

### **SUGGESTED READINGS:**

1. Arogyashastra - Jununkar Kusum.
2. Family Health- Thakur
3. Arogya ani Samaj -Kulkarni P.K.

**Second M.A./Semester- IV**  
**PAPER IV/OPTIONAL PAPER III**

**RESEACH PROJECT- DISSERTATION**

Report - 60 Marks

TOTAL MARKS -100 Marks

Internal

Assessment - 20 Marks

Practical viva - 20 Marks

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**OBJECTIVES:-** The following objectives are decided for Second M.A./  
Semester III/

Home Economics /program for Paper IV as a elective / option paper  
III to enable students

1. To understand the basic concept of research project as a learning method
2. To understand the purpose, use and mechanism of the research project.
3. To prepare socially workable research design, implementation the research project.
4. To develop research skill to solve social problems of community.
5. To develop experienced research scholar in higher education

**b. PRACTICAL /Assignment/Activity**

**Marks-20**

- a. Application of computer in Home economics research.
- b. Research Report [sample 100-200]-Dissertation

**[Chapters Scheme of report writing]**

- A] Introduction of problemi. Background  
ii. Objectives and hypotheses.
- B] Review of literature
- C] Design of study and Collection of data
- D] Analysis of collected data  
i.Processing of-Classification,Tabulation

- ii. Diagrammatic and graphical Presentation of data
- E] Interpretation of data and conclusions
- H] Abstract /References
- I] Report Writing
- J] Report preparation and submission

**Internal assessment–**

- |                                |          |
|--------------------------------|----------|
| i.) Research paper             | 05 marks |
| ii) Assignment/Activity        | 10 marks |
| iii) Group discussion/ Seminar | 05 marks |

**Suggested reading;**

1. Best John D. : Research methods in Education.
2. Dr. Barve B.N. (2010) : Research methods in Psychology, Vidya pub. Nagpur.
3. Bhandarkar P.L.: Research methodology in social science
4. Kothari, C.R. (1993): Research Methodology: Methods and Techniques, Wiley Eastern Ltd, New Delhi .
5. Mishra R.P: Research methodology
6. Dr. Devdas Rajmmal : A handbook of Research Methodology.
7. Mouley G. J. : The science of Educational research.