

S-22 Nov. 2011 AC after Circulars from Circular No.47 & onwards - 6 -

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY**  
**CIRCULAR NO.ACAD/NP/Social Sci./Home Science/Syll./50/2011**

It is hereby informed to all the concerned that, the Academic Council at its meeting held on 22<sup>nd</sup> November, 2011 has accepted the "Revised Syllabus of Master of Arts Home Science [M.A. Home Science] Semester First to Fourth" under the Faculty of Social Sciences as appended herewith.

This is effective from the academic year 2012-2013 and onwards.

All concerned are requested to note the contents of this circular for their information and necessary action.

University Campus,  
Aurangabad-431 004.  
REF.NO.ACAD/NP/HOME SCI. /  
SYLL./2011/29316-45

Date:- 14-12-2011.

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**Director,**  
**Board of College and**  
**University Development.**

**Copy forwarded with compliments to:-**

- 1] The Principals, affiliated concerned Colleges,  
Dr. Babasaheb Ambedkar Marathwada University.

**Copy to :-**

- 1] The Controller of Examinations,
- 2] The Superintendent, [ M.A. Unit ],
- 3] The Record Keeper,  
Dr. Babasaheb Ambedkar Marathwada University.

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**DR. BABASAHEB AMBEDKAR  
MARATHWADA UNIVERSITY  
AURANGABAD**

**Syllabus of**

**M.A. First & Second Year  
(Semester I<sup>st</sup> to IV<sup>th</sup> )**

**(Home Science)**

***(Effective from June 2019 & onwards)***

**Dr.Babasaheb Ambedkar Marathwada University,  
Aurangabad**

**Revised Syllabus of  
M.A.(Home Science)**

**First Year  
Semester -I & II  
(With Credit System)**

**(Effective from 2012 & onwards)**

**Curriculum Structure & Scheme of Evaluation  
For M.A.-I with effective from 2012**

**Semester -I**

Unit/ Paper No.	Course Code	Title of the Paper	Credit	Marks for Theory	Marks for Practical	Credit For practical	Total
I		Human Development (Early childhood care & education )	04	30	20	02	50
II		Research Method & statistics	04	30	20	02	50
III		Textiles & Clothing (Construction & Dress Designing )	04	30	20	02	50
IV		Textiles & Clothing practical (Construction & Dress Designing )	06	--	Practical 50	--	50

A candidate shall be admitted to the first year course for the degree of M.A.Home Science provided the candidate satisfied the following conditions :

1. A candidate who has passed B.A. with Home Science or B.Sc. Home Science Examination from this or any other university may be held eligible for admission to M.A.Home Science Course.
2. A candidate who has passed B.Sc. or B.A. with any Other subject, <sup>or any other graduates</sup> may be held eligible for admission to M.A. Home Science Course, ~~subjected to the conditions that the number of admissions shall not exceed 30, out of which not more than seats should be allotted to the candidates belonging to the faculty of Science or Social Sciences.~~

**M.A.FIRST YEAR  
HOME SCIENCE  
(First Semester)**

**Paper-I                      Human Development  
(Early childhood Care & Education)**

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Theory : 30  
Practical : 20

**SCOPE :**

The Student would be eligible & qualified for teaching at preprimary level. This will provide opportunity for self employment a) Starting crèche, b) Day care centers.

**OBJECTIVES :**

1. To understand the principles and to develop interest and ability of childhood care and education.
2. To develop the skills & techniques to plan and conduct activities in earlier childhood care & education centers of different types and to work effectively with parents and community.
3. To interact effectively with parents and community.
4. To develop the concern regarding child's health and well being & to train / mould him in a socially acceptable manner.

**Content :****Credit –I**

1. Principles of early childhood care & Education :
  - i) Importance, need & scope of early childhood care & education.
  - ii) Types of preschools : Play, Center, Day-Care, Center, Montessori, Kinder garten, Balwadi, Anganwadi

**Credit –I**

2. **Non – Formal & Formal or Structured Education :**
  - i) Concept of non- formal & formal education
  - ii) Play way methods.
  - iii) Integrated approach to learning, teaching experience.
  - iv) Psychological effect of pressure on educational / play activities.

**Credit –I**

3. **Organization Set up :**
  - i) Administrative set up and function of personnel working at different levels.
  - ii) Preschool Building Site & location, elements of a building, plans for various types of buildings space, allotment for indoor & outdoor Play.
  - iii) Play equipment : Principles of selection of equipment for various developments, care & use of play equipment.
  - iv) Role & Responsibilities and essential qualities of a teacher & other personnel.

- v) Essential of records & reports in preschool types, aim & purpose-anecdotal, cumulative, sample work, medical.

**Credit -I**

**4. Program planning -**

- i) Principles, long & short terms, weekly & daily planning outline & schedules
- ii) Activities for early childhood care & education.
- iii) Routine activities, story telling, music & Rhymes, creative, activities, science experiences, social studies experiences, children literature, reading, programs, field trips, festivals & celebration.
- iv) Preparation & use of teaching aids in Nursery school.

**Related activities / sessionals :**

1. Visits to Day -care centers, Balwadi, Anganwadi, Creche etc.
2. Observations & participation in the nursery school, preschool, crèches & day care centre for a week.
3. Planning & preparation of teaching aids & materials needed for young children such as puppets, posters, blocks, flash cards or any other.

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1. Bhatia & Bhatia (1995). Theory and principles of Education, Doaba House, Delhi.

2. Brewe, J.A. 1998 Introduction to early childhood Education 3<sup>rd</sup> Ed. Boton : Ahyn & Bacaon.
3. Carol : E.C. and Jan Allen (1993). Early childhood curriculum, University of Tennessee, New Yourk: Macmillan.
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8. Hildebrand Verma (1985). Guiding the young child, N.Y. Macmillan.
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18. Read Katherine (1988). The Nursery School, Holt Rinehart & Winston.
19. Saraswathi, T.S. (1988). Issue in child Development. Curriculum & other training & Employment, Mumbai, somaiya.
20. Swami Nathan Mina : A source book MECCE, UNESCO, Clinical Co-operation programme parts.

21. Swami Nathan M(Ed) (1998). The first five Years : A critical prospective on ECCE in India. New Delhi sage.
22. Wagh Anutai : How to run a Balwadi. Thane, Gram Balshikshan Kendra.
23. Sita -A Raman, Getting girls of school. UBSPD-U.B.S. Publication.
24. Elements of child development by Akhani & Date Kitab Mahal Allahabad.
25. V.K.Rao, Khurshid-ul-Islam, "Early childhood care & education, Commonwealth publication.
२६. अशा परुळेकर, मुलांचे मानसिक तणाव व उपचार उन्मेष प्रकाशन, पुणे.
२७. प्रा. रमेश पानसे, बालशिक्षण - स्वरुप व नवी दिशा, डायमंड पब्लिकेशन्स, पुणे.
२८. प्रा. प्रियंवदा लाठकर, मातकला व बालविकास, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
२९. ज्योति गायकवाड, बालविकासशास्त्रश्री मंगेश प्रकाशन, नागपूर
३०. मोहन जोशी, सुजाण पालक - निरोगी बालक, विशाल प्रकाशन.

**M.A.FIRST YEAR  
HOME SCIENCE  
(First Semester)**

**Paper-II                      Research Methods & Statistics**

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**Theory     -30  
Practical -20  
Credit     -04**

**OBJECTIVES :**

1. To understand the signification of statistics and research methodology in Home Science Research.
2. To understand the Application of appropriate statistical technique for research design.

**Contents :**

**(Credit-1)**

- I. Introduction to research methods and statistic.
  - a) Meaning, Definition and importance of research methods. Types of Research-Historical, Survey, experimental, case study, Social, participatory.
  - b) Meaning, Definition & Characteristics of statistics.
  - c) Introduction, Definition & importance of research design, Types of Research design- Exploratory, Descriptive, Diagnostic, experimental.

**(Credit-1)**

- II.
  - a) Formulation or identification of problem – meaning, definition, factors.
  - b) Hypothesis-Meaning & types.

- c) Sources of collection of data –Meaning, Advantages and Limitation.
1. Primary – Direct observation, Questionnaires, Interview, group discussion, schedule, case study.
  2. Secondary –personal documents, public records and reports, Role of Library.

**Credit -2**

**III. Selection of sample /sampling**

- a) Meaning, Definition, Selection of samples, size of sample, types of probability, sampling Systematic, random sampling, two states and multistage sampling.
- b) Non probability sampling, purposive sampling.
- c) Quota
- d) Volunteer / Self Selection, snowball sampling.
- e) Pilot study – Definition & characteristics.
- f) Data Analysis Meaning, Definition, importance & steps, Classification, tabulation, interpretation of statistical information, Diagrammatic presentation & Graphical Presentation.

**Sessional / practical :**

**Formulation of a Research Project**

- i) Introduction
- ii) Importance
- iii) Objectives
- iv) Review of Literature.

- v) Hypothesis
- vi) Research Methodology.
- vii) Results & Discussion
- viii) Summary & Conclusions
- ix) Bibliography

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1. Bhandarkar P.L. & Willimson T.B. (2000). Methodology & Techniques of social research, Himalaya Publishing House, Mumbai.
2. Bhatnagar G.L. (1990) Research Method & measurements in Behiranal & Social Science. Agric ole publishing Academy, New Delhi.
3. Kerlinger : Foundation of Education Research.
4. An Introduction of scientific research : E.B.Wilson.
5. An handbook of methodology research : Dr.R.R.Deodar
6. Methods in social Research : Goode & Half.
7. Ajit Kumar Patnaik (2000) Research Methodology in social science, commonwealth publishers, darya Ganj, New Delhi.
८. अशा डॉ. प्रदिप आगलावे, संशोधन पध्दतीशास्त श्रीसाईनाथ प्रकाशन, नागपूर
९. डॉ. काचोळे सामाजिक संशोधन पध्दती कैलास पब्लीकेशन्स, औरंगापुरा.



१०. डॉ. सुमन बेहेरे, सामाजिक संशोधन पध्दती, विद्या प्रकाशन, नागपुर
११. प्रा. घाटोळे , समाजशास्त्य संशोधन तत्वे व पध्दती, श्री मंगेश प्रकाशन, नागपुर
१२. प्रा. माधव सोमण, सामाजिक संशोधनाची तत्वे, पुणे विद्याथी गृह प्रकाशन पुणे
१३. डॉ खैरनार प्रा. राजत सामाजिक संशोधन पध्दती चिन्मय पब्लिकेशन औरंगाबाद
१४. डॉ. देशकर, प्रा. देशपांडे संख्याकीशास्त्र
१५. आर. आर. मुळे वि.ल. उमाटे शैक्षणिक संशोधनाची मुलत्वे महाराष्ट्र विद्यापीठ ग्रंथ निर्मती मंडळ नागपूर
१६. सं.प्र. कुभोजकर, संशोधन पध्दती व संख्याशास्त्र, एम. व्हि. फडके अॅण्ड कंपनी कोल्हापूर

**M.A.FIRST YEAR  
HOME SCIENCE  
(First Semester )**

**Paper -III      Clothing Construction & Dress Designing**

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Theory	-30
Practical	-20
Credit	-04

**SCOPE :**

Students will be able to work as dress designers in clothing manufacturing units and boutiques

**OBJECTIVES :**

1. To develop skills in dress designing & clothing construction.
2. To create awareness regarding Indian traditional textiles & regional embroideries.
3. To impart knowledge regarding fashion & apparel designing.

**Unit-I : Drafting Basics :-**

**Credit -I**

**1. Taking body measurement**

- a) Points to be considered while taking body measurements.
- b) Drafting height & girth measurements.
- c) Study of chest measurement system.

**2. Principles of cutting & drafting.**

3. Techniques of pattern making -drafting, flat pattern method & draping.

4. Basic cutting procedure – racing, pinning & cutting.
5. Laying & cutting special fabrics – plaids, one way fabrics, bi-directional border.
6. **Facts about fabrics -**
  - a) Importance & identification of grain.
  - b) Identifying right & wrong side.
  - c) Different widths of fabrics.
  - d) Economical layout plan.
7. Folding fabrics for cutting lengthwise, crosswise, bias

**Unit II : Fitting****Credit-I**

1. Figure irregularities.
2. Factors affecting good fitting
3. Common problems encountered in fittings of garments.
4. Basic alternations remedies for fitting defects lengthwise & widthwise, alternation for both above waist & below waist garments.

**Unit III : Traditional textiles & regional embroideries of India****Credit-I**

1. Traditional textiles – Dhaka, Chanderi, Baluchedar & Buttedar, Himru-Amru, Kin-Khwab, Bafta-Ahirwhan, Paithani, Pitambari, Bandhani.
2. Regional embroideries- Phulkari, Kasuti of Karnataka, Kantha, Kashmiri, chikankari, Kutch & Kathiawars, Applique work of Bihar

**Unit IV : Fashion**

**Credit-I**

1. Introduction.
2. Fashion technology
3. Principles of fashions
4. Fashion cycle
5. Factors influencing fashion
6. Study of fashion figure
  - a) Grid for making fashion figure.
  - b) Difference between human & fashion figure.
  - c) Division of figure in multiples of head.
  - d) Different views of female figure (front, rear, oblique)
7. **Fashion buyers**
  - a) Manufacture role
  - b) Types of manufacturer
  - c) Theories of fashion adaptation
  - d) Cope of fashion business
8. Computer aided designing.



**Distribution of Marks for practical Examination :**

1) Stitching of garment	: 15
2) Knitting	: 10
3) Viva	: 05
4) Record Book	: 10
5) Stitched Garments	: 10
Total	: 50

**REFENCES :**

1. Deulkar d. "House hold textile & Laundry work" Atmaram & son. New Delhi.
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3. Isabel B.W., Textile fabrics & their election. 8<sup>th</sup> Edition, prentice hall Inc. Eaglewood cliff.
4. Singh I. Modern pattern Drafting
5. Hess K. Texitle Fibers & their use.
6. Sheneei N.A. "History of textile seuk publications.
7. Pandit S : Regional Embrodiery, "Faculty of home science Baroda".
8. Isabel Wingate "Fiber to Fabric"

9. Rosencang M.L., "Clothing Concepts –a Social, Psychological approach.
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१०. प्रा विमल आढाव, वस्त्रशास्त्र
११. डॉ. वैरागडे, प्रा. अनिता अग्रवाल, वस्त्रशास्त्र संकल्पना व फॅशन डिझाईनिंग, विद्या बुक्स पब्लिशर्स, औरंगाबाद
१३. प्रा. सुनिता काळे - पवार वस्त्रशास्त्र, परभणी

**Dr.Babasaheb Ambdkar Marathwada University,  
Aurangabad**

**Home Science  
Syllabus for M.a.I  
MA (Home Science)  
Effective from 2010 & onwards**

**Semester -II**

Unit/ Paper No.	Course Code	Title of the Paper	Credit	Marks for Theory	Marks for Practical	Credit For practical	Total
V		Human Development (Early childhood care & education )	04	30	20	02	50
VI		Research Method & statistics	04	30	20	02	50
VII		Advanced Nutrition	04	30	20	02	50
VIII		Advanced Nutrition Practical	06	--	50	--	50

**M.A.FIRST YEAR  
HOME SCIENCE  
(Second Semester)**

**Paper-V                      Human Development  
(Early childhood Care & Education)**

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Theory : 30  
Practical : 20

**SCOPE :**

The Student would be eligible & qualified for teaching at preprimary level. This will provide opportunity for self employment a) Starting crèche, b) Day care centers.

**OBJECTIVES :**

1. To understand the influence of various philosophers, educators & theories on E.C.C.E.
2. To make parents aware of significance of E.C.C.E.
3. To develop the skills and techniques to plan and conduct activities in E.C.C.E. centers of different types and to work effectively with parents and community.
4. To understand special needs of exceptional children in educating them.

**CONTENTS :**

**Unit-I                      Historical Trends    Credit-I**

Historical review of early childhood education contribution of Pastallozi, Rousseous, Froebal, Maria Montessori, John Dewey, M.K. Gandhi,

Tarabai Modak, Ravindranath Tagore (their principles, application and limitation )

**Unit-II Parent and community Education : Credit-I**

1. Need for parent education, aspects of parent education, need for community education, and influence of community and neighborhood on the child.
2. Methods and techniques of communicating with parents, parent teacher meeting, visual aids posters, charts, models, other audio visual aids.

**Unit -III Exceptional children Credit-II**

1. Definition, classification, ethological factors, characteristics, Identification, treatment, education and Rehabilitation, Programmes for the following :
  - a. Mentally challenged children.
  - b. Blind children
  - c. Deaf and dumb.
  - d. Physically crippled
  - e. Children with speech defects.
2. Gifted children -Meaning, classification, characteristics, identification, education, special programmes

**Early Childhood Care and Education  
SESSIONAL ACTIVITIES / PRACTICAL**

**Unit –I Visits to institutions and families for the  
study of**

- a. Mentally challenged children
- b. Blind Children
- c. Deaf and dumb children
- d. Physically crippled children
- e. Children with speech defects.

**REFERENCES :**

1. Bhatia & Bhatia (1995). Theory and principles of Education, Doaba House, Delhi.
2. Brewes, J.A.1998 Introduction to early childhood Education 3<sup>rd</sup> Ed. Boton : Ahyn & Bacaon.
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२८. प्रा. रमेश पानसे, बालशिक्षण - स्वरूप व नवी दिशा, डायमंड पब्लिकेशन्स, पुणे.

**M.A.FIRST YEAR  
HOME SCIENCE  
(First Semester)**

**Paper-VI                      Research Methods & Statistics**

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Theory : 30  
Practical : 20

**OBJECTIVES :**

To develop understanding of report writing & techniques in statistics.

**CONTENTS :**

**Unit-I Report writing**

- a) Introduction, Definition & objectives of report writing. Factors of report writing Introduction, Review of Literature, Mythodology, result & Discussions, Summary and conclusion, Bibliography, Appèndix

**Unit-II                      Statistical Techniques                      Credit-I**

- i) Introduction, Definition, use, merits and demerits of man, median & mode.
- ii) Measures of Variability -Introduction, definition, Mean deviation, standard deviation, characteristic, Use, limitations.

**Unit-III                      Correlation & Degree of Freedom                      Credit-I**

- a) Correlation - Introduction, definition & Types -Cal Pearson's & Spearman's rank correlation method. Correlation of coefficient -Meaning & use.

**Unit-IV Degree of Freedom Introduction, Definition.****Credit-I**

- i)  $X^2$  (chi-square) Test for  $2 \times 2 \times 2 \times 3$  table.
- ii) Application of 't' for small samples (below 30 samples)
- iii) 'f' test.
- iv) Analysis of Variance (ANOVA)

**Practical /Sessionals :**

1. Deciding class-interval with examples.
2. Graphic presentation Different types; mean, mdian & Mode
3. Standard Deviation
4. Co-relation
5. Test applications
  - i) Chi-square Text ( $x^2$  Test )
  - ii) 't' Test
  - iii) 'f' test

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1. Bhandarkar P.L. & Willimson T.B. (2000). Methodology & Techniques of social research, Himalaya Publishing House, Mumbai
2. Bhatnagar G.L. (1990) Research Method & measurements in Behiranal & social science. Agri-cole Publishing Academy, New Delhi.
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  6. An introduction of scientific research : E.B.Wilson.
  7. An handbook of methodology research : Dr. R.R.Deodar
  8. Methods in social Research : Goode & Half.
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  10. Ajit Kumar Patnaik (2000) Research Methodology in social science commonwealth publishers, darya Ganj, New Delhi.
  11. S.C.Gupta & UK, Kapoor Fundamental of Mathematical Statistics Sultana Chand & Sons, New Delhi.
१२. डॉ.वि.रा. भिंताडे, शैक्षणिक संशोधन पध्दती, नित्यनूतन प्रकाशन, खान कम्प्युनिकेशन हिदुस्थान मुद्गणालय, टिळक रोड, पुणे - ३०.
  १३. डॉ.चा.प.कदम, शैक्षणिक संख्याशास्त्र नुतन प्रकाशन, दसवाडी, पुणे.
  १४. डॉ.के .म.भांडारकर, सुलभ शैक्षणिक संख्याशास्त्र, नित्यनूतन प्रकाशन, दसवाडी, पुणे.
  १५. देशकर, देशपांडे ,सांख्यिकशास्त्र.
  १६. डॉ.सुमन बेहरे, सामाजिक संशोधन पध्दती, विद्या प्रकाशन, रुईकर रोड, नागपूर.
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  १८. प्रा.देशकर व प्रा. देशपांडे, सांख्यिकीची मुलतत्वे अजय प्रकाशन, औरंगाबाद.
  १९. मंगळगिरी, देशकर देशपांडे, व्यावसायिक गणित व सांख्यिकी, विद्या प्रकाशन , नागपूर.

२०. डॉ.प्रदिप आगलावे, संशोधन पध्दती व तंत्र प्रमोद मुंजे, विद्या प्रकाशन, नागपूर.
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**M.A.FIRST YEAR****HOME SCIENCE  
(Second Semester)****Papers -VII****Advanced Nutrition**

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Theory : 30  
Sessional : 20

**SCOPE :**

This will help student for self employment in areas such a counselor for mal nutrition, small scale industry, in the production for food preservation, non conventional foods etc.

**OBJECTIVES :**

1. To understand the basic concept of metabolism of nutrients.
2. The course designed will develop competency to plan and prepare innovative foods.
3. To understand the importance of enrichment of food.

**CONTENTS :****Unit-I****Credit-1.5****I. Carbohydrates**

Digestion, Absorption and metabolism of carbohydrates- Glycogenesis and glycolysis, T.C.A. Cycle, Pentose Phosphate pathway.

**II. Proteins**

Digestion, absorption and metabolism of proteins – Anabolism & catabolism, urea cycle.

### **III. Lipids**

Digestion, absorption and metabolism of lipids lipolysis & Lipogenesis, importance of essential fatty acids, concept of omega 3 and 6, role of liver and gallbladder.

(Role of vitamins & minerals in the metabolism of macro nutrients-I, II & III mentioned above )

### **Unit-II**

**Credit-.5**

#### **1. Mal Nutrition**

- a. Definition, causes.
- b. Over and under nutrition.
- c. Classification
- d. Nutritional remedies

### **Unit-III**

**Credit-1.5.**

#### **Food Toxins and food microbiology**

##### **1. Toxins**

- a) Natural toxins –saponin, haemagglutinin, lathyrisms, afa foxin, solanin, tripsin inhibitor, aspergillus, niget.
- b) Accidental international toxins pesticides metal packaging

##### **2. Microbiology :**

- a) Water Contamination
- b) Milk contamination
- c) Role of microbiology in food industry.

**3. Food additives and preservatives**

- a) Leavening agent, bread improvers, stabilizers
- b) Salt, sugar, spices, oil, common chemical preservatives

**Unit-IV**

**Credit-.5**

- a. Significance of Non Conventional food, need, production, acceptability and nutritional importance.
- b. Sensory evaluation concepts, importance, methods

**Practical / Sesimal :**

**Activities :** Marking and selling of products like pickles, Masale, squash, Dry Chutneys etc.

**Sesimal :** Survey of mal nourished child with corrective measures suggested.

**PRACTICAL  
Paper VIII**

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Credit-06

Mark - 50

**1. ENRICHMENT**

- a. Protein – For malnourished children of different grades and income group (quality, quantity)
- b. Calories – Low & high calories diet (fat free recipes )
- c. Fiber – High & Low fiber food.
- d. Minerals – Calcium, Iron and sodium High & Low.
- e. Vitamins – Vit A, B Complex : B1, B2, B3 and Vit-C

**2.I Bread improver**

- a. With comparison.
- b. Without comparison

**II. Ice –Cream**

- a. With stabilizer and
- b. Without

**III. Curd Formation**

Variation in temperature and culture

3. Preservation –Jam, Jelly, Ketchup, Chutney, Avala moravala, Avala supari, Pickles with and without oil, Lime and orange squashes, Masala Kala masala, sambar masala, Pavbhaji masala Garam Masala.

4. a. Developing and preparing non conventional food

recipe :

At least 3 recipes made from nutritional Waste of vegetables, fruits, cereals and milk.

b. Sensory Evaluation.

**Distribution of Marks for practical Examination :**

1. Enrichment planning 3 recipes (one for each income group) of a given nutrient	10
2. Preparation of one recipe	10
3. Calculation of one recipe	10
4. Preservation : Planning any one given recipe / Non Conventional food planning of any one recipe.	10
5. Viva	05
6. Record Book	05
<b>Total :</b>	<b>50</b>

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4. NFHS Reports
5. UNICEF State of the World's Children

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**Dr.Babasaheb Ambdkar Marathwada University,  
Aurangabad**

**Revised Syllabus of  
MA (Home Science)  
Second Year  
Semester-IV  
(with Credit System)  
Effective from 2011 & onwards**

**Curriculum Structure & Scheme of Evaluation  
For M.A.-II with effective from 2011**

**Semester -III**

Unit/ Paper No.	Course Code	Title of the Paper	Credit	Marks for Theory	Marks for Practical	Credit For practical	Total
I		Mental Health Counseling	04	30	20	02	50
II		Extension & Community Health Management	04	30	20	02	50
III		Clinical and Therapeutic Nutrition	04	30	20	02	50
IV		Clinical and Therapeutic Nutrition Practical	06	--	50	--	50

**M.A. SECOND YEAR  
HOME SCIENCE  
(Third Semester)**

**Paper -I                      Mental health and Counseling**

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Marks : 50  
Theory : 30  
Sessional/ Related  
Activities: 20

**OBJECTIVE :**

1. To understand the importance of good mental health.
2. To develop skills of organizing school mental health Programmes.
3. To acquaint students to the concepts and needs of counseling.
4. To make them aware of the qualities and skills required for counseling.

**Content :**

**Credit-.5**

**Unit -I      Mental health / mental illness**

- a) Definition, concept and importance of holistic health, well being and happiness.
- b) National and mental health policy of India (1982)
- c) Community mental health need & programmes

**Unit-II      School Mental health programmes      Credit-.5**

- a) Need for mental health programmes
- b) Importance of teachers in mental health aspect of children.

**Unit-III A) Counseling****Credit- 1.5**

- a. Meaning, need, objectives, & functions
- b. Principles and goals of counseling.
- c. History of counseling.
- B) Techniques of securing information
  - a. Introspection, observation, case History
  - b. Play method, Interview, case record and school records
  - c. Process of counseling
  - d. Qualities and skills of a counselor

**Unit-IV Counseling Applications****Cedit-1.5**

Child Counseling, family counseling, marriage counseling, counseling in school, career counseling, Alcohol and drug & Abused counseling, group counseling, crisis- intervention Counseling, Counseling for the aged, Counseling for women.

**SESSIONAL ACTIVITIES :**

1. Visit to schools / institutions that have counseling centers / mental health programmes.
2. Organizing a day is workshop on counseling techniques.

**REFERENCES :**

1. Kochar S.K. " Guidance & Counseling in college", sterling publishers, New Delhi.
2. S.R.Vashist, "Methods of Guidance & Counseling."
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११. बर्वे पंडीत, पाटील, अपसामान्याच मानसशास्त्र राजहंस प्रकाशन, पुणे.
१२. रोहिणी चितळ, आपण मुलांना समजून घेऊ या.
१३. गोपाळ वानखेडे, बालकल्याण दशा व दिशा.
१४. प्रा. फरकाडे, सौ.गोंगे, विवाह व कौटुंबिक संबंध् विद्या प्रकाशन, नागपूर.



**Unit –II Financial sustainability Credit 1/2**

- a) Concept and importance.
- b) Microfinance and self help group.

**Unit –III Concept of Extension Management Credit-.5**

- a) Definition, nature.
- b) Principles of extension management.
- c) Extension management process –planning, controlling, monitoring & evaluation.
- d) Personnel management, Recruitment of extension workers, Training of workers.

**Unit-IV Indices Credit -1**

- a. Health indices and related indices, community health, fertility indicators, Vital statistic, mortality & morbidity indicators.
- b. Human development index & reproductive health index.

**Unit –V Health Care Service Credit-.5**

## Role of NGOs

- a. National health programmes/ National and international agencies.
- b. Health information education.
- c. Basic epidemiology, health regulations and acts, census

**Unit –VI Credit-.5**

- a. Community health Needs & Problems

**b. Disaster Management :-**

- a. Types of Disasters –Earthquakes, Floods,

- Cyclones/ Hurricanes, Tsunami Landslides,  
Epidemics
- b. Rescue
  - c. Relief
  - d. First aid

**SESSIONAL ACTIVITIES :-(Any 2)**

- a. Preparation of CD/DVD on any topic from five major areas- Human Development, Nutrition, dietetics, extension, family resource management, Textile & clothing.
- b. Assignment on Disaster management -flood, draught, fire, earthquake, food poisoning, epidemic of diseases.
- c. Demonstration on first aid and report writing

**REFERENCES :**

1. Embergel et al, "Case Studies of project sustainability" implications for policy and operations from Asian Experience, World Bank.
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3. Little I.M.D., Mirless J.A., "Project for developing Countries". Educational Books Company, New Delhi.
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१९. कर्नल पी.पी.मराठे, कतीबध्द आपत्ती व्यवस्थापन अनुवाद जॉन्सन बोर्डोस, डायमंड पब्लिकेशन, पुणे.
२०. डॉ.बरिदे, डॉ.कुलकणी, सामुदायिक आरोग्य व पारिचारिका सेवा संकेत प्रकाशन, औरंगाबाद.
२१. प्रा.सुधा काळदाते,आधुनिक भारताच्या सामाजिक समस्या .
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**M.A. SECOND YEAR  
HOME SCIENCE  
(Third Semester )**

**Paper-III            Clinical & Therapeutic Nutrition**

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Marks : 50  
Theory : 30  
Sessional / Practicals : 20

**OBJECTIVES :**

This course will enable the student : 1) to understand the etiology, physiological & metabolic abnormalities of acute & chronic diseases & patient needs (2) To know the effect of various diseases on nutritional status & nutritional & dietary requirements. 3) To be able to recommend & provide appropriate nutritional care for prevention & treatment of various diseases.

**Contents :**

**Credit-I**

**Unit-I**

- a) Concept of Therapeutic diets, need and importance, Types of therapeutic diet – Consistency, texture, Nutrient content, Feeding Practices.
- b) Dietician- qualities, role and responsibilities, need in hospitals and community, qualification.
- c) I.D.A.- Indian Dietetics Association.
- d) Patient care and counseling, assessment of Nutritional status of Hospitalized and out door patients.

**Unit-II**

Drug and Nutrients interactions effect on ingestion, digestion, absorption & metabolism.

**Credit.5**

**Unit-III** Herbal medicines and home made remedies for common disorders

**Unit-IV** Nutritional Management in following diseases :

- a) Obesity
- b) Diabetes
- c) Heart diseases -Hypertension & Athero Sclerosis
- d) Cancer
- e) Peptic ulcer
- f) Hepatitis
- g) Nephritis & Kidney stones
- h) AIDS

**Practical / Sessional**

1. Visits to diet counseling centers & report writing.
2. Preparation of diet counseling aids.

**PRACTICAL**  
**Paper-IV**  
**Clinical & Therapeutic Nutrition**

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**Marks -50**

Planning and preparation of diets for following diseases; Obesity, Diabetes, Hart Diseases, Cancer, Peptic Ulcer, Hepatitis, Nephritis, Kidney Stone, AIDS.

**Distribution of Marks of Practical Examination**

1.	Planning of diet for any one given disease :	10
2.	Preparation of any one recipe ;	10
3.	Write up :	10
4.	Calculation of Nutritive Values ;	10
5.	Viva :	05
6.	Record Book :	05
	Total :	

**REFERENCES :**

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**Dr.Babasaheb Ambdkar Marathwada University,  
Aurangabad**

**Revised Syllabus of  
MA (Home Science)  
Second Year  
Semester-IV  
(with Credit System)  
Effective from 2011 & onwards**

**Curriculum Structure & Scheme of Evaluation  
For M.A.-II with effective from 2011**

**Semester -IV**

Unit/ Paper No.	Course Code	Title of the Paper	Credit	Marks for Theory	Marks for Practical	Credit For practical	Total
V		Women and Child Welfare	04	30	20	02	50
VI		Women Empowerment and Communication System	04	30	20	02	50
VII		Advanced Resourced Management	04	30	20	02	50
VIII		Advanced resource management practical	06	--	50	--	50

**M.A. SECOND YEAR  
HOME SCIENCE  
(Fourth Semester )**

**Paper-V                      Women and Child Welfare**

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Marks : 50  
Theory : 30  
Sessional / Activities : 20

**OBJECTIVES :**

To enable students to become aware and sensitized to issues related to welfare of child, women & elderly.

**Content :**

**Credit 1-.5**

**Unit -I**

1. Defimilion, Concept and Scope of women & Child Welfare in India.
2. a. National Policy of Child Welfare  
b. National Policy of Women Welfare  
c. Relevance of Child Welfare in India

**Unit-II**

**Organizations/Agencies Working for Welfare of Women :**

- a) Classification: Government, Non-Government, Private, National and International.
- b) Welfare programmes at local, national and international level.
- c) Functional objectives of these programmes and beneficiaries.

**Unit-III**

Credit-1.5

**Agencies working for the welfare of children**

- a) Indian Council of child welfare.
- b) National institute for public co-operation and child development.
- c) Integrated child development services.
- d) Central Social Welfare Board.
- e) Nutrition programmes in the Country
- f) Legislation related to child welfare
- g) World bank
- h) Role of NGOs in welfare of Children

**Unit-IV The Aged in India**

Credit-.5

Policies and programmes.

- a) Role of Voluntary organizations
- b) Old Age home, day centres.

**Sessional Activities (any two )**

1. Visit to old age home/ Remand home / Orphanage
2. Survey of child labour (minimum Ten) and report writing.
3. Visit to NGOs working for women.
4. State and Control Govt. schemes and programmes for women and children.
5. Involvement in Women/ Child Welfare activities & report writing.
6. To make resource file regarding Women / Child welfare happenings.

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९. विजय कविमंडळ व गंगाधर कराळे अनुवादक ग्रामीण विकासाचा एकात्मिक दृष्टीकोन.
१०. डॉ. सरेंद कटारिया, गुज्जन वैद्य, भारत में ग्रामीण विकास.
११. के.पाक., अनुवादक- डॉ.जगन्नाथ दिक्षित, सामाजिक आरोग्य परिचर्या.

**M.A. SECOND YEAR  
HOME SCIENCE  
(Fourth Semester)  
Paper -VI Women Empowerment & Communication  
System**

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Marks : 50  
Theory : 30  
Sessional / Activities :20

**OBJECTIVES :**

1. To understand the concept of development, its indices and relationship with development communication.
2. To understand the effort at different levels for women empowerment.
3. To impart knowledge and understanding of various communication systems.
4. To provide knowledge about applicability of various media used in communication.

**Contents :**

**Credit -1/2**

**Unit-I Development**

- a) Definitions, basic concepts, significance, functions & dynamics of development.
- b) Indicators of development, human development index, gender empowerment measure, human poverty index.

**Unit-III Polices and Programmes for Women development**

**Credit-I**

- a) Empowerment of women
  - i) Mass media & Women Empowerment
  - ii) Education, employment and empowerment

- b) Home Se. Education as empowerment Role of Home Se for personal growth & professional development.
- a) National policy for empowerment of women.
- b) Economic empowerment women in all sectors.
- c) Social empowerment Education, health, Nutrition, housing, drinking water and environment
- d) Legal empowerment – Legal literacy on personal and family laws. Role of family court and legal aid centres.
- e) Political empowerment Role of panchayat Raj in political empowerment of women, Vidhan Sabha, Vidhan Parisad State legislation, central legislation.

**Unit-IV Communication Systems.****Credit-1**

- a) Types of communication systems Concept, functions, significance.
- b) Mass communication, elements, characteristic and scope.
- c) Visual communication.
- d) Media in development communication, understand the role of traditional and modern media in development of communication.
- e) Traditional Media puppetry, folk media

**Unit-V Modern Media of Communication****Credit -1**

- a) Print Media books, news papers, magazines, leafets and pamphlets.

- b) Electronic Media –Radio, T.V.Video, Computer based Technologies.
- c) Out door media Exhibitions & Faris.
- d) Barriers of Communications.

**Practical /Sessionals (Any Four)**

1. Visit and Report writing to Panchayat Raj, Gramsabha, Zilla Parisad, Grampanchayat, Municipal Corporation.
2. Visit and report writing to household industry.
3. Visit and report writing on family court/legal aid centres
4. Visit and report writing on Social Welfare Department.
5. Collection of paper cutting / pamphlets related to any specific topic. On women's development.
6. Plan and prepare slides /C.D. O.H.D. Transparencies and power point presentation.

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B.N.Publishing Co.New Delhi.

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१२. डॉ. उज्वला वैरागडे, प्रा.विद्युलता मुळे, सामुदायिक विकास व विस्तार शिक्षण, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
१३. प्रा.फरकाडे, सौ.गोंगे, गहविज्ञान विस्तार, विद्या प्रकाशन, नागपूर.
१४. सोपान सुपे, विस्तार शिक्षण.

## Fourth Semester

### Paper No.VII Advanced Resource Management

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Total Marks	: 50
Theory	: 30
Sessional	: 20

#### OBJECTION :

- 1) To give opportunity to develop ability to manage, human & non-human resources.
- 2) To develop ability to apply management principles during various events.
- 3) To apply work simplification techniques in every day life.

#### Unit -I Management of Resources

Credit-.5

##### i) Time management :

- a) Nature importance of time
- b) Tools in time management.
- c) Time demands in different stages of family life cycle
- d) Process of managing time
- e) Leisure Meaning, Importance, Activities

##### ii) Energy Management :

Credit-.5

- a) Meaning, Importance
- b) Effort used in Home Making activities
- c) Energy demands in different stages of family life cycle
- d) Energy cost of home making activities
- e) Process of machining energy
- f) Fatigue meaning, Types

g) Solar energy Importance, solar Equipments

**iii) Food & clothing management Credit-.5**

- a) Importance
- b) Process
- c) Factory affecting food clothing management

**Unit-II i) Work simplification Credit-1**

- a) Importance
- b) Techniques – Formal & informal techniques
- ii) **Ergonomics:** Meaning, Definition, Postures, Classification physiology of postures, different ways of reducing muscular energy.

**Unit-III Even Management Credit-1.5**

- i) Meaning & concept of even management
- ii) Pointly to be considered while planning & implementation of different event :-
  - a) Birthdays, Anniversaries, Engagement, Wedding reception.
  - b) Formal meetings, seminars, conferences.
  - c) Product Launch meetings.
  - d) Theme specials.

**Page 44****Sessionals/ Related Activities**

1. Leisure Time activities (any one)  
Fabric painting /Glass Painting)/ Wall Hanging/  
  
Any Decorative article (5 marks )
2. In plant having / on the job training in any institution  
such as Hostels, Canteen, hospitality units/ food  
centres (minimum for 3 days) (15 marks )

**Advanced Resource Management**

1. **Work simplification :-**
  - a. Reaching Heights
  - b. Technique yes flow process chart, operation  
chart & pathway chart.
2. **Food management :** Preparation of project and Report  
writing of food management for different income  
groups.
3. **Event management -** Organizing event such as  
Birthday party, meetings, seminars stage show,  
Fashion, snow get- together or any other formal even  
and report writing

**Distribution of marks for practical Examination**

1)	Food management	:	15
2)	Event Management	:	15
3)	Viva	:	05
4)	Record Book	;	15
	<b>Total</b>	:	<b>50</b>

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2. Don Welers 1974, "Who Buys: A study of the Consumers"
3. David H.Bangs "The market planning guide, 3<sup>rd</sup> edition, Galgotru publication.
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8. Kennedy : The house and Arts of its design.
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11. Marforn R: Home and its furnishing. Willey Eastern Pvt. Ltd. New Delhi.
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१५. डॉ.लिमये, गहव्यवस्थापन व गहकला, विकास प्रकाशन, रुईकर मार्ग, नागपूर.
१६. आशा निमकर, क्षमा लिमये, प्रगत गहव्यवस्थापन साहित्य प्रसार केंद्र , नागपूर.
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१८. डॉ.मुंशी , डॉ.जठार, गह व्यवस्थापन पिंपळापुरे अॅण्ड कंपनी पब्लिशर्स, नागपूर.
१९. सुमती कुकडे माधुरी रत्नपारखी व डॉ.गीता सुंदरेश, गह व्यवस्थापन,शेट पब्लिशर्स,प्रा.लि. मुंबई.
२०. डॉ. उज्वला वैरागडे, प्रा.विद्युलता मुळे, सामुदायिक विकास व विस्तार शिक्षण, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
२१. प्रा.प्रियवंदा लाठकर, घरगुती बचतीतून व्हा श्रीमंत साकेत प्रकाशन, औरंगाबाद.
२२. आचार्य जयप्रकाश बागडे, परफेक्ट इव्हेंट मॅनेजमेंट व सुत्रसंचालक, संकेत प्रकाशन , औरंगाबाद.