

 Estd. 1962 "A++" Accredited by NAAC(2021) With CGPA 3.52	SHIVAJI UNIVERSITY, KOLHAPUR - 416 004, MAHARASHTRA PHONE : EPABX – 2609000, www.unishivaji.ac.in , bos@unishivaji.ac.in शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र दूरध्वनी - ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग दुरध्वनी ०२३१-२६०९०९३/९४	
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SU/BOS/IDS / 51

Date: 28 OCT 2022

To,

The Principals,
 All Concerned Affiliated Colleges / Institutions.
 Shivaji University, Kolhapur.

Subject : Regarding syllabi of B.A., M.A., BSW, MSW, BJ, MJ. Part - I & M.A. Mass Communication Part – I. under the Faculty of Inter-Disciplinary Studies.

Sir/Madam,

With reference to the subject, mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the syllabi of B.A., M.A., BSW, MSW, BJ, MJ. Part - I & M.A. Mass Communication Part – I. under the Faculty of Inter-Disciplinary Studies. as per National Education Policy 2020.(NEP)

1)	B.A. Social Work Part - I	6)	Bachelor of Social Work. Part - I
2)	B.A. Dress Making and Fashion Coordination. Part - I	7)	Master of Social Work. Part - I
3)	B.A. Journalism Part - I	8)	Bachelor of Journalism (BJ) Part - I
4)	B.A. Music Part - I.	9)	Master of Journalism (MJ) Part - I
5)	M.A. Home Science Part - I	10)	M.A. Mass Communication Part - I

This syllabi shall be implemented from the academic year 2022-2023 onwards. A soft copy containing the syllabi is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2022 & March/April 2023. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy Registrar

Copy to:

1	Director, Board of Evaluation and Examination	7	Centre for Distance Education
2	The Dean, Faculty of IDS	8	Computer Centre / I.T.cell
3	The Chairman, Respective Board of Studies	9	Affiliation Section (U.G.) / (P.G.)
4	B.A.,B.Com.,B.Sc. Exam	10	P.G.Admission / P.G.Seminar Section
5	Eligibility Section	11	Appointment Section -A/B
6	O.E. I, II, III, IV Section	12	Dy.registrar (On/ Pre.Exam)

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A⁺⁺' Grade

Faculty of Interdisciplinary Studies

Syllabus For

M.A. Home science

Part - I

Syllabus to be implemented from June, 2022 onwards.

Faculty of Interdisciplinary Studies

HOME SCIENCE

**Structure, Scheme and Curriculum For
Master of Arts Part – I
Semester I and II
Syllabus to be implemented from June 2022 onwards**

REVISED SYLLABUS /CURRICULUM (CBCS, SEMESTER PATTERN) FOR M.A. I

TITLE: M.A. Part I (Home–Science)
Under Faculty of Interdisciplinary Studies

YEAR OF IMPLEMENTATION: New Syllabus (CBCS Pattern) (Semester Pattern) will be implemented from June 2022 onwards

DURATION: M.A.I – Two Semester (One Year)
(min. 90 teaching days/semester)

PATTERN OF EXAMINATION: Semester (CBCS Pattern)

80+20 per semester

80 Marks for theory
and 20 marks for Practical (Internal
Evaluation)/ CIE

MEDIUM OF INSTRUCTION: English or Marathi

STRUCTURE OF COURSE: M.A. I- Two Semester (Eight Courses)

**Choice Based Credit System Proposed Course Structure
and
Curriculum of M.A. Home Science
Two Years (4 Semester) Programme**

Implemented from 2022-2023
M.A. I-Home Science

SEMESTER-I (Duration- Six Month)															
	Sr. No.	Course Code	Teaching Scheme						Examination Scheme						Total Marks
			Theory and Practical						Semester End Examination(Theory)			Practical/seminar/Internal Assessment (IA)/CIE			
			Workload		Total	Credits			Maximum Marks	Minimum Marks	Exam. Hours	Maximum Marks	Minimum Marks	Exam. Hours	
			T	P/S		T	P/S	Total							
CGPA	1	DSE-101	4	-	4	4	-	4	80	32	3	20	8	-	100
	2	CC-102	4	-	-	4	-	4	80	32	3	20	8	-	100
	3	CC-103	4	-	-	4	-	4	80	32	3	20	8	-	100
	4	CC-104	4	4	8	4	2	6	80	32	3	20	8	3	100
Total (A)			16	4	20	16	2	18	320	--	--	80	--	--	400
SEMESTER-II (Duration- Six Month)															
CGPA	1	DSE-201	4	-	4	4	-	4	80	32	3	20	8	-	100
	2	CCS-202	4	-	-	4	-	4	80	32	3	20	8	-	100
	3	CCS-203	4	4	8	4	2	6	80	32	3	20	8	3	100
	4	CCS-204	4	-	4	4	-	4	80	32	3	20	8	-	100
Total (B)			16	4	20	16	2	18	320	--	--	80	--	--	400
Total (A+B)			32	8	40	32	4	36	640	--	--	160	--	--	800
M.A. II															
SEMESTER-III (Duration- Six Month)															
	Sr. No.	Course Code	Teaching Scheme						Examination Scheme						Total Marks
			Theory and Practical						Semester End Examination			Practical/seminar/Internal Assessment (IA)			
			Workload		Total	Credits			Maximum Marks	Minimum Marks	Exam. Hours	Maximum Marks	Minimum Marks	Exam. Hours	
			T	P/S		T	P/S	Total							
CGPA	1	CC-301	4	-	4	4	-	4	80	32	3	20	8	-	100
	2	DSE-302	4	-	4	4	-	4	80	32	3	20	8	-	100
	3	DSE-303	4	4	8	4	2	6	80	32	3	20	8	3	100
	4	DSE-304	4	-	4	4	-	4	80	32	3	20	8	-	100
Total (C)			16	4	20	16	4	18	320	--	--	80	--	--	400
SEMESTER-IV (Duration- Six Month)															
CGPA	1	CC-401	4	-	4	4	-	4	80	32	3	20	8	-	100
	2	CCS-402	4	-	4	4	-	4	80	32	3	20	8	-	100
	3	DSE-403	4	-	4	4	-	4	80	32	3	20	8	-	100
	4	DSE-404	4	4	8	4	2	6	80	32	3	20	8	3	100
Total (D)			16	4	20	16	4	18	320	--	--	80	--	--	400
Total (C+D)			32	8	40	32	4	36	640	--	--	160	--	--	800

• **Notes:**

• Student contact hours per week :16Hours (Min.) /Theory Courses • 16 Hours (Min.) /Practical Courses	• Total Marks for M.A. I: 800 • Total Marks for M.A.II : 800
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• Theory and Practical Lectures :60 Minutes Each	• Total Credits for M.A.(Semester I&II) : 36 • Total Credits for M.A (Semester III & IV): 36
• CC- Core Course • CCS- Core Course Specialization • DSE- Discipline Specific Elective	• Practical Assessment/Examination is semester wise. • *Duration of practical examination as per respective courses • Separate passing is mandatory for Theory, Internal and Practical examination

Total Credits and Marks:

	M.A.- I	M.A. -II	Total
Marks	800	800	1600
Credits	36	36	72

Course Structure (CBCS):

Course No.	Course Title	Teaching hours per week	Credits
M.A. Sem. I			
DSE-101	Research Methodology	4	4
CC-102	Human Development (Adulthood to Old age)	4	4
CC-103	Family Resource Management	4	4
CCS-104	Dietetics	8	6
CGPA - Total Credit (Cumulative)			18
M.A. Sem. II			
DSE-201	Statistical Applications	4	4
CCS-202	Dynamics of Marriage and Family	4	4
CCS-203	Family Clothing	8	6
CCS-204	Maternal and Child Nutrition	4	4
CGPA - Total Credit (Cumulative)			36
M.A. Sem. III			
CC-301	Advanced Housing and Interior Decoration	4	4
DSE-302	Programme Planning and Community Development	4	4
DSE-303	Traditional Textiles in India	4	6
DSE-304	Community Nutrition	4	4
CGPA - Total Credit (Cumulative)			54
M.A. Sem. IV			
CC-401	Household Equipments and Ergonomics	4	4
CCS-402	Early Childhood Education	4	4
DSE-403	Costumes in India	4	4
DSE-404	Food Service Management and Food Quality Control	8	6
CGPA - Total Credit (Cumulative)			72

SCHEME OF EXAMINATION:

- The Examination shall be as semester system. There will be two semester for a year.
- All papers shall carry 80 marks for Theory papers and 20 marks for

Practical / Seminar / Assignment / Project.

- The evaluation of the performance of the students in theory shall be on the basis of Semester Examination as mentioned above.
- Question paper will be set in the view of the entire syllabus preferably covering each unit of the syllabus.

Nature of Question Paper (Theory) and Division of marks

Question No.1 Objective - Multiple choice (Total 10 questions)	10 Marks
Question No.2 Descriptive question with internal choice	20 Marks
Question No.3 Descriptive question with internal choice	20 Marks
Question No.4 Short answer type question (Three out of five)	30 Marks

Total 80 Marks

- There will be – one objective type of question (multiple choice questions) having 10 marks (total 10 questions)
- Two descriptive questions with internal choice having 20 marks each. i.e., $20 \times 2 = 40$ marks.
- One short answer type question having 30 marks (Three short questions out of five carrying 10 marks each)

Internal Evaluation for each semester:

The evaluation of the performance of the students in Practical / Project/ Seminar / Assignment shall be based on internal evaluation for each semester as mentioned separately in the syllabus of each paper.

There will be internal evaluation of 20 marks for each paper for each semester.

Semester 1-Two Home assignment of 10 marks each - 20 marks

Semester 2 – One Group Discussion and Oral Examination of 10 marks each - 20 marks

Semester 3-One Group Discussion/ Role Play and One Home assignment of 10 marks each-
20 marks

Semester 4 – One Seminar - Content of seminar shall be taken
in a written form, Presentation skill of the student shall be observed - 20 marks

Standard of Passing –

- To pass in a theory paper and practical/CIE a candidate shall have to secure 40% marks in each theory and practical/CIE examination. Candidate shall be declared to have passed the examination in pass class if she passes in all the eight papers.
- A practical will be separate head of passing.
- To secure IInd class, a candidate shall have to secure at least 50% or more marks.
- To secure Ist class, a candidate shall have to secure at least 60% or more marks.
- To secure Ist class with distinction a candidate shall have to secure 70% or more marks.
- The class will be awarded on the aggregate total of all the eight papers of Part I and part II examination.

Equivalence:

Sr. No.	Old Syllabus (Shivaji University, Kolhapur)	New Curriculum (KCK, Autonomous)
M.A. I Semester I		
1	Research Methods	DSE-101-Research Methodology
2	Human Development (Adulthood to Old age)	CC-102-Human Development (Adulthood to Old age)
3	Management of Resources	CC-103-Family Resource Management
4	Dietetics	CCS-104-Dietetics
M.A. I Semester II		
5	Statistical Applications	DSE-201-Statistical Applications
6	Guidance and Councelling	CCS-202-Dynamics of Marriage and Family
7	Family Clothing	CCS-203-Family Clothing
8	Maternal and Child Nutrition	CCS-204-Maternal and Child Nutrition
M.A. II Semester III		
9	Advanced Housing and Interior Decoration	CC-301-Advanced Interior Decoration
10	Programme Planning and Community Development	DSE-302 Programme Planning and Community Development
11	Traditional Textiles in India	DSE-303- Traditional Textiles in India
12	Community Nutrition	DSE-304-Community Nutrition
M.A. II Semester IV		
13	Household Equipment and Ergonomics	CC-401-Household Equipment and Ergonomics
14	Early Childhood Education	CCS-402-Early Childhood Education
15	Costumes in India	DSE-403-Costumes in India
16	Food Service Management and Food Quality Control	DSE-404-Food Service Management and Food Quality Control

**M.A. I (Home Science)
Course I – Research Methodology**

Preamble:

Research methodology is a systematically design study to collect, process and validate the data for valid results. This course aims at providing the detail knowledge of research methodology in the field of Home Science.

Course outcomes: Students will be able to -

1. understand the meaning and importance of research.
2. know types, tools, and methods of research.
3. apply the skills of data gathering tools appropriate to the research design.
4. to interpret data and prepare research proposal.

Workload – 4 lecturers / week

Total Credits-4

Total Marks -100

Theory -80 Marks

CIE -20 Marks

Course Content

Theory

Lectures

Module I – Introduction to Scientific Research

08

- 1.1 Definition and meaning of Research
- 1.2 Characteristics of research
- 1.3 Scope of Research
- 1.4 Importance of Research
- 1.5 Criteria of research

Module II – Types of Research

08

- 2.1 Basic/Pure Research
- 2.2 Applied Research
- 2.3 Descriptive Research
- 2.4 Explorative Research
- 2.5 Explanatory Research
- 2.6 Experimental Research
- 2.7 Action Research
- 2.8 Evaluative Research
- 2.9 In-vivo and In-vitro Research

Module III – Nature and Scope of Research in Home Science

08

- 3.1 Research in Food & Nutrition
- 3.2 Research in Family Resource Management
- 3.3 Research in Textile & Clothing
- 3.4 Research in Human Development
- 3.5 Research in Extension Education

Module IV – Research Design

08

- 4.1 Definition and Requirement
- 4.2 Types of Research Design
 - Exploratory
 - Descriptive
 - Diagnostic
 - Experimental
- 4.3 Hypothesis- Meaning, Types and Importance

Module V- Process of Scientific Research

08

- 5.1 Steps in Research
 - Formulation of the problems
 - Formulation of Hypothesis

- Research Design
- Sampling
- Data processing and Classification
- Data Analysis and Interpretation
- Report writing and Conclusion.

Module VI – Sources of Information **08**

6.1 Concept and sources of information

6.2 Importance Classification

6.3 Sources of data collection

Module VII – Sampling Techniques **08**

7.1 Meaning and nature of sampling Techniques

7.2 Methods of Sampling

- Probability sampling
 - Non-probability sampling
- 7.3 Advantages and limitations of sampling technique

Module VIII – Scientific Writing **08**

8.1 Different forms of Scientific writing

- Articles in journals, Research notes
- Review articles, Monographs, Dissertations
- Bibliographies

8.2 Drafting titles, sub-titles, Tables illustrations

- Formatting Tables –

Title, body stab, stab column, Column Head, Spanner Head, Box head

Appendices – Use & guidelines

8.3 Parts of Dissertation / Research Report Article.

- Introduction
- Review of Literature
- Methodology
- Result of discussion
- Conclusion

Reference Books :

- 1) Devdas R.P. &Kulandaivel K. Hand book of Research Methodology
- 2) S.P. Gupta .Research Methods
- 3) C.V. Good & D.E. Scafes . Methods of Research –
- 4) P.V. Young and Calvin F. Schmid. Scientific Social Survey and Research
- 5) Hans Raj. Theory and Practice in Social Research
- 6) Sharma R. N. Research Methods in Social Sciences
- 7) Bajpai S. R. Methods of Social Survey and Research. Kitab Ghar
- 8) Kaul Lokesh. Methodology of Education Research. Appleton Century profit, Educational Division, Mereelith Corp.
- 9) *Dr. P.L. Bhandarkar- SamajikSanshodhanPaddhati*
- 10) *Dr.GurunathNadgode(1986)- SamajikSanshodhanPaddhati,PhadakePrakashan,Kolhapur*
- 11) *Dr. Aaglave- SamajikSanshodhanPaddhati*
- 12) Kothari C.R(2019)-Research Methodology, Methods and Techniques (Second Revised Edition), New Age International Publishers.
- 13) *Aaglave Pradip (2010)-SamajikSanshodhanPaddhati ani Tantr, VidyaPrakashan, Nagpur,2010*

14) *Khairnar Dilip, Pragat Samajik Sanshodhan Paddhati ani sankhyashastra, Dimand Publication, Pune*

15) *Barve L. N. – Manasshastratil Sanshodhan Paddhati, Vidya Prakashan, Nagpur*

14) *Kumbhojkar G.V. (1989), Pragat Samajik Sanshodhan Paddhati ani Sankhyashastra, Phadake Prakashan, Kolhapur*

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M.A. I (Home Science)
Course II – Human Development (Adulthood to Old Age)

Preamble: This course covers the entire life span of adulthood. The emphasis is given on adjustments and hazards in various stages of adulthood.

Course outcomes: Students will be able to -

- 1) undertake an advanced study of the stages in human development with specific focus on adulthood and old age.
- 2) understand characteristics and developmental tasks of adulthood and old age.
- 3) understand hazards and make adjustments in adulthood and old age.

Workload – 4 lecturers / week

Total Credits -4

Total Marks -100

Theory -80 Marks

CIE -20 Marks

Course Content

Theory

Lectures

Module I – Young Adulthood: Personal Adjustments

08

- 1.1 Characteristics of Young Adulthood
- 1.2 Developmental tasks of Young Adulthood
- 1.3 Changes in interest in Young Adulthood
- 1.4 Personal Hazards of Young Adulthood

Module II – Young Adulthood: Social and Vocational Adjustments

08

- 2.1 Social mobility in Young Adulthood
- 2.2 Sex Role Adjustments in Young Adulthood
- 2.3 Vocational Adjustment in Young Adulthood
- 2.4 Social and Vocational Hazards of Young Adulthood

Module III – Young Adulthood: Family Adjustments

08

- 3.1 Marital Adjustments
- 3.2 Adjustment to Parenthood
- 3.3 Adjustment to Singlehood
- 3.4 Hazards of Family Adjustments during Young Adulthood

Module IV – Middle Adulthood: Personal Adjustment

08

- 4.1 Characteristics of Middle Adulthood
- 4.2 Developmental tasks of Middle Adulthood
- 4.3 Adjustment to physical changes
- 4.4 Adjustment to mental changes
- 4.5 Adjustment to changed interests
- 4.6 Personal hazards of Middle Adulthood.

Module V – Middle Adulthood: Social and Vocational Adjustment

08

- 5.1 Social Adjustments
- 5.2 Vocational Adjustments
- 5.3 Preparation for retirement
- 5.4 Social and Vocational Hazards of Middle Adulthood

Module VI – Middle Adulthood: Family Adjustments

08

- 6.1 Adjustment to changed family pattern
- 6.2 Adjustment to Singlehood
- 6.3 Adjustment to Loss of spouse
- 6.4 Adjustment to Approaching Old Age
- 6.5 Marital Hazards to Middle Adulthood

Module VII- Old Age Personal and Social Adjustment

08

- 7.1 Characteristics of old age
- 7.2 Developmental Tasks of Old Age

- 7.3 Adjustments to Physical Changes in Old Age
- 7.4 Changes in Motor abilities and Mental abilities in Old Age
- 7.5 Changes in interests in Old Age
- 7.6 Hazards to Personal and Social Adjustment

Module VIII – Old Age: Vocational and Family Adjustment

08

- 8.1 Vocational Adjustments in Old Age
- 8.2 Adjustment to Retirement
- 8.3 Adjustment to Changes in Family life in Old Age
- 8.4 Adjustment to Loss of a Spouse
- 8.5 Vocational and Family life hazards of Old Age

Reference Books:

1. Hurlock E. B. Developmental Psychology,
2. Santrock, John, W : Topical Approach to Lifespan Development, McGrawhill, Boston 2002
3. Santrock John W : Life Span Development, McGrawhill Higher Education, Boston 2004
4. Berk, Laura E : Development Through the Lifespan
5. Hurlock E. B. : Development Psychology, A life Span Approach. Tata Mc Graw Hill Publishing Company Ltd. New Delhi, 1980.
6. Kakkar S. (1992) Identity and Adulthood, Delhi oxford Uni. Press
7. Papalia Diane E., Sally Wendkos, Ruth DuskinFelsman: Human Development, The McGraw Hill Company Limited, New Delhi, 2004
8. Sapra Rekha: Integrated Approach to Human Development, Vishvabharati Publications, New Delhi, 2001.
9. Berk Laura E. : Development through Life Span, 7th Edition, 2007.
10. *Kumthekar Medha, Dr. R. R. Borude (1988) - Vaikasik Manasshastra, Vidyarthi Gruh Prakashan, Pune*

Preamble: This course deals with management of resources in the family with reference to achieve family goals. The course is design to create awareness and understanding of management process applied to various family resources. The purpose of inclusion of this course is to develop managerial skills among students.

Course outcomes: Students will be able to –

1. understand the individual entity as a Resource.
2. understand the significance of Resource Management.
3. know the conceptual, human, and scientific aspects of management functions.
4. develop the ability to evaluate the management efficiency and effectiveness in the family.
5. increased awareness and importance of human resources and family health.
6. become aware of the financial management.

Workload – 4 lecturers / week

Total Credits -4

Total Marks -100

Theory -80 Marks

CIE -20 Marks

Course content

Theory

Lectures

Module I – Management as a system

08

1.1 Concept and definitions

1.2 Elements and types

1.3 Application of system approach in family resource management

1.4 Management Abilities /skill -

General Abilities, Conceptual, Human, Technical, Design skill

Module II – Planning and Organization

08

2.1 Meaning, characteristics of planning

2.2 Steps in planning and importance of planning

2.3 Meaning, steps in organization

2.4 Organization chart, importance of organization

Module III – Co-ordination and Control

08

3.1 Meaning and need co-ordination and control

3.2 Functions of Supervision

3.3 Meaning and definition of controlling

3.4 Characteristics, and steps in Controlling

Module IV – Leadership and Communication

08

4.1 Meaning, types, and qualities of leader

4.2 Meaning, types, and process of Communication

4.3 Errors in miscommunication,

4.4 Elements of effective communication

Module V – Time Management

08

5.1 Nature and meaning of Time

5.2 Classification of time

5.3 Characteristics of time

5.4 Components of Time Management

08

Module VI – Energy management

6.1 Nature and concept of energy as a human resource	
6.2 Types of efforts	
6.3 Fatigue- concept, types, causes	
6.4 Energy management process	
ModuleVII- Health Management	08
7.1 Concept of Health	
7.2 Public Health Services	
7.3 Private Health Services	
Module VIII – Financial Management	08
8.1 Budget –definition, types, significance	
8.2 Steps in making budget,	
8.3Importance and Methods of Account Keeping	

Reference Books :

- 1) Dwivedi R.S.(1981)–Professional Management S.K. Publishers, New Delhi.
- 2) Saiudain M.S. (1988) – Human Resources Management, Tata Mc-Graw Hill, New Delhi.
- 3) Dayal R. (1996) – Dynamics of Human Resources Development, Mttal Publications, New Delhi.
- 4) Rao N. P. (1986) – Human Resources Development in Management and Administration, B. K. Publishers, Delhi.
- 5) Karnik V. G. (1984) – Personal Management, - Jaiw Bombay.
- 6) Deconrath E. and Firebavgh F. M. – “Home – management concept and context”.
- 7) Gross Ima and Crandall Elizabeth – “Management for modern families”.
- 8) Swanson – “Management system”.
- 9) M. Shukul, Veena Gandotra – Home Management and Family Finance.
- 10) Educational Planning Group – Home Management, Arya Publishing House, New Delhi.
- 11)Dr. UjwalaVairagade, P.S.Lathkar, Mule- Kulkarni(2010)AadhunikGruhVyavsthapan, Vidya Book Publishers, Aurangabad

Preamble: Nutritional modifications and dietary treatment proved to be beneficial in restoring health of patient and protecting patient from further health attacks. Proper nutritional modification and dietary management is very crucial in treating any patho-physiological situations. The course aims to build a more extensive knowledge base and skills in modification of normal diet according to illness of an individual.

Course outcomes: Students will be able to –

1. make appropriate dietary modifications for various disease conditions
2. develop skills to assess and maintain nutritional and health status of the patients

Workload –

Total - 8(4+4)

Theory - 4 lectures / week

Practical - 4 lectures/ week / batch

Total Credits- 6(4+2)

Total Marks – 100

Theory – 80 marks

Practical -20 marks

Course content

Theory

Module I – Dietary treatment for coronary heart diseases

Lectures

08

1.1 Etiology

1.2 Clinical features

1.3 Types

1.4 Nutritional needs and dietary modification in Atherosclerosis

Module II – Dietary treatment for pre and post operative condition

08

2.1 Concept of pre and post operative condition

2.2 Nutritional need during pre and post operative condition

2.3 Dietary modifications in pre and post operative condition

Module III – Dietary treatment for burn patient

08

3.1 Definition and Meaning of burns

3.2 Classification of burns

3.3 Nutritional needs during burn

3.4 Dietary modification during burn.

Module IV - Dietary treatment for kidney disease

08

4.1 Introduction to urinary system

4.2 Renal functions

4.3 Types of kidney disease

4.4 Clinical features of kidney stone

4.5 Nutritional needs and dietary modification in kidney stone

Module V- Dietary treatment for liver disease

08

5.1 Functions of liver

5.2 Etiology of hepatitis

5.3 Clinical features and types of hepatitis

5.4 Nutritional needs and Dietary modifications in hepatitis

Module VI – Dietary treatment in Diabetes Mellitus

08

6.1 Etiology of diabetes mellitus

6.2 Clinical features and types of diabetes mellitus

6.3 Nutritional needs in diabetes mellitus

6.4 Dietary modification in diabetes mellitus

Module VII – Dietary treatment for Anaemia

08

- 7.1 Etiology of Anaemia
- 7.2 Clinical features of Anaemia
- 7.3 Types of Anaemia
- 7.4 Nutritional need and dietary modification in Anaemia

Module VIII – Dietary treatment for Cancer

08

- 8.1 Etiology of Cancer
- 8.2 Clinical features of cancer
- 8.3 Types of cancer
- 8.4 Nutritional needs, dietary and other health management in Cancer

Practicals:

Total Lectures

60

1. Planning and preparation of one day diet plan for following [any five]

- 1 Atherosclerosis
- 2 Pre and post operative to condition
- 3 Burn condition
- 4 Kidney stone
- 5 Hepatitis
- 6 Diabetes Mellitus
- 7 Anaemia
- 8 Cancer

Practical Examination Pattern

Total 20 marks

1. Planning and preparation of a day's diet plan with dietary modification for any one given disease condition.

- Planning of diet -5 marks
- Calculation of nutritive value -5 marks
- Preparation of diet and its evaluation -5 marks
- Record book submission -5 marks

Reference Books :

- 1) M. Raheena Begum:- Food Nutrition and Dietetics
- 2) Devidson and Passmore- Human Nutrition and Dietetics:
- 3) Jelliffe:- Assessment of Community Nutritional status
- 4) Vijaya Khader- Food, Nutrition and Health
- 5) Shubhangini A Joshi – Nutrition and Dietetics..
- 6) *Minakshi Tarnekar -Aahar ani Poshan*
- 7) *Sarla Lele - Poshan ani Aaharshastra Parichay*
- 8) *Dr. Aasha Deuskar- Manvi Poshan ani Aaharshastrachi Multatve*
- 9) *Dr. Manjusha Mulvane- Poshanshastra*

Preamble: Statistics is a set of activities for gathering, organising, analysing and presenting quantitative data collected for research purpose. Application of various statistical techniques gives meaningful interpretation of collected data. This course is intended to aware students regarding statistical applications and provide the foundation for research.

Course outcomes: Students will be able to –

1. understand the role of statistic in Home Science research
2. apply statistical techniques to research data for analysis and interpreting data meaningfully.
3. study the statistical techniques in the application of Home Science research

Workload – 4 lecturers / week

Total Credits -4

Total Marks -100

Theory -80 Marks

CIE -20 Marks

Course content

Theory

Lectures

Unit I – Introduction to Statistics:

- i Meaning of statistics.
- ii Scope of statistics
- iii Classification of statistics
- iv Terms involved in statistics
- v Formation of frequency distribution with examples

Unit II – Presentation of Data

- i Concept of diagrams and tabulation of data
- ii Types of diagrams – bar (simple, multiple)
- iii Concept of graph
- iv Types of graph- histogram, ogive curves, computations of median and mode from graphs

Unit III – Measures of Central Tendency –

- i Concept of measures of central tendency
- ii Arithmetic mean (AM) Median and Mode
- iii Merits and Demerits of AM, Median and mode
- iv Numerical examples for ungrouped and grouped data

Unit IV – Measures of Dispersion –

- i Concept of dispersion
- ii Absolute and relative measures of dispersion
- iii Quartile deviation, standard deviation and their merits and demerits
- iv Variance, coefficient of variation with numerical examples.

Unit V- Correlation –

- i Concept of correlation
- ii Types of correlation
- iii Scattered diagram method
- iv Karl Pearson's correlation coefficient
- v Rank Correlation coefficient method

Unit VI – Regression –

- i Concept of lines of regression
- ii Regression coefficients
- iii Relation between correlation coefficient and regression coefficient
- iv Numerical examples of regression coefficient

Unit VII – Probability –

- i Definition of probability
- ii Laws of probability
- iii Types of probability
- iv Numerical examples of probability

Unit VIII – Testing of hypothesis and statistical techniques -

- i Concept of hypothesis
- ii Types of hypothesis
- iii Level of significance in statistical technique
- iv Statistical techniques
 - a) Chi- square test
 - b) ‘t’- test (student ‘t’ test and paired ‘t’ test)
 - c) ‘z’ – test
 - d) ‘f’ – test
 - e) Completely randomized design (CRD) completely block design (CBD) Latin square design (LSD)

Reference Books –

- 1 , P.V. Young and Calvin F Solmid, Scientific Social Survey in Social Research
- 2 R.N. Sharma, Research Methods in Social Sciences
- 3 Goon, Gupta ad Dasgupta , Fundamentals of Statistics
- 4 V.K. Rohatgi ,Probability Theory and Mathematical Statistics
- 5 H. Garret, Statistics in Education and Psychology
- 9) *Dr. P.L. Bhandarkar- Samajik Sanshodhan Paddhati*
- 10) *Dr. GurunathNadgode(1986)- Samajik Sanshodhan Paddhati, PhadakePrakashan, Kolhapur*
- 11) *Dr. Aaglave- Samajik Sanshodhan Paddhati*

**M.A. Part I (Home Science) Semester – II
Course VI – Dynamics of Marriage and Family**

Preamble:

The course aims to build knowledge on Marriage and Family. Family is a foundation of society of our Indian culture. In our day to day life many rituals are related to our marriage system. In changing scenario of globalisation family system and marriage culture is changed.

Course outcomes: Students will be able to –

1. understand the need of marriage and family for betterment of society,
2. Create awareness about concept of marriage and family.
3. Understand the issues related to adjustment parenthood, family planning and family crises.
4. Acquaint with laws of marriage and family in India.

Workload – 4 lecturers / week

Total Credits -4

Total Marks -100

Theory -80 Marks

CIE -20 Marks

Course content

Theory

Lectures

Module I –Marriage 08

1.1 Definition and Objectives of marriage

1.2 Concept and Functions of marriage

1.3 Types of marriage—Arranged, Love, Registered with Advantages and Disadvantages

Module II – Readiness for Marriage 08

2.1 Factors to be consider for Marriage.

2.2 Pre –marital counselling—Definition, need, Advantages

2.3 Post -marital counselling—Definition, need, Advantages

Module III – Family 08

3.1 Definition and Functions of Family

3.2 Types of Family-Nuclear, Joint, Extended.

3.3 Changing forms of Family-Live in relationship, Single person living,

Module IV –Adjustments in marriage and Family 08

4.1 Role of Husband and Wife.

4.2 Adjustment factors in Economical, Sexual, and Career, religious, social

4.3 Stages of family life cycle

4.4 Adjustments in in-laws relations

Module V—Parenthood

08

5.1 Definition and concept of Parenthood

5.2 Tasks of parenting and parenting skills

5.3 Challenges in parenting

Module VI –Family planning

08

6.1 Definition and Meaning of family planning

6.2 Need and Importance of family planning

6.3 Methods of family planning

Module VII – Family crises

08

7.1 Concept and causes of family crises

7.2 Common family crises-Divorce, severe and prolonged illness of family member, unemployment, death of family member

7.3 Family counselling to overcome crises

Module VIII—Laws related to Marriage and Family

8.1 Hindu marriage Act.-1954

8.2 Special marriage Act.-1954

8.3 Dowry Act-1961

8.4 Pre-conception and pre –natal Diagnostic techniques Act 2003

Sessional Work

1. Survey of different type of marriage/family with minimum five sample size and report writing.

2. Collection of Matrimonial advertisements through internet and printing media.

3. Visit to family court or counselling centre and report writing.

References Books :

1 Bigher J. (1979) Parent child relation. An Introduction to Parenting, N.Y. McMillan pub.

2 Fine Marwin (1980) Handbook on parent education

3 Kulkarni Sudha (1988) Parent Education, Jaipur, Rawat Pub

4 Narayanrao's (1991) Counselling psychology 2nd Reprint 2001, Tata megrim hill publishing Comp. New Delhi

5 *TriveniPharkade, SulabhaGonge(1999)- Vivah ani KoutambikSambandh, Vidya Prakashan, Nagpur*

6 *Prof.Pawar B.S.-SamupadeshanManasshastra, Prashant Publications*

7 Gunner J. 1984, Counselling and therapy for Children. The Free Pass.

8 Kenedy E. 1977. On Becoming a Counselor: A Basic Guide for Non-Professional Counselor. Gill and McMillan.

9 Skinner C. 2006. Educational Psychology. Printice Hall of India.

10 Lily, Stephan M. Children with Exceptional needs, Holt. Rinehart, 1979.

11 J.warters, Techniques of Counselling

12 L.E. Moser and R.S. Moser, Counselling and Guidance: An Exploration

13 Sharma N. R. Educational and Vocational Guidance, Vinod Pustak Mandir, Agra.

14. Narayanrao. S. Councilling and Guidance, Second Edition,

15. Barki B.G., Mukhopadyay, Guidance and Councelling ,Sterling publishers Pvt Ltd,2004

16. David A, Guidance and Counselling, commonwealth, 2009

17. *Shirgave, Naik, Ghaste, Biratte-SamupadeshanManasshastra, NiraliPrakashan, Pune*

18 *Hirve, Tadsare, SamupadeshanManasshastra, PhadakePrakashan, Kolhapur*

19 *TriveniPharkade, SulabhaGonge(1999)- Vivah ani KoutambikSambandh, Vidya Prakashan, Nagpur*

20 *Hirave, Tadsare- VaikasikManasshastra*

21 *Janai, Mali, Tadsare- VaikasikManasshastra*

M.A. Part I (Home Science) Semester – II Course VII – FAMILY CLOTHING

Preamble:

Clothing is the basic need of every individual. Clothing provides protection, gives identity and status to individuals. It is very necessary to identify the clothing needs of family members and manage the same by systematic planning. This course aims at providing the knowledge of clothing according to age group, occasions, and profession. It also develops skills in apparel construction and family clothing budget.

Course outcomes: Students will be able to –

1. understand clothing needs of family members and factors affecting selection of clothing
2. get acquainted with selection of clothing for different age groups, occasions, activities etc.
3. to develop skills in clothing construction
- 4.

Workload –

Total - 8(4+4)

Theory - 4 lectures / week

Practical - 4 lectures/ week / batch

Total Credits- 6(4+2)

Total Marks – 100

Theory – 80 marks

Practical -20 marks

Module I - Introduction of Family Clothing

1.1 Definition and Concept of Family Clothing

1.2 Importance of clothing – Physical, Psychological, Social, Emotional, Religious, Health, Personality development.

1.3 Factors influencing selection of family clothing

Module II – Clothing for New-born and Toddler

2.1 Selection of fabric

2.2 Desirable features

2.3 Safety and Health

2.4 Garments for new-born and toddlers

v Types and styles of garment and its care and maintenance

Module III – Clothing for Preschool and School children

3.1 Factors to be considered while selecting and making children's garments

ii Colour

iii Print and design

iv Suitability

v Types and styles of garment and its care and maintenance

Unit IV - Clothing for Adolescent and Adult

i Selection of fabric

ii Colour

iii Print and design

iv Suitability

v Types and styles of garment and its care and maintenance

Unit V – Clothing for Pregnant, Lactating mother and old age person

i Selection of fabric

ii Colour

iii Print and design

iv Suitability, body figure

v Types and styles of garment and its care and maintenance

Unit VI – Clothing for various occasions and profession

- i Formal occasion for special work –
 - 1 Business / occupation
 - 2 Education
 - 3 Travelling
- ii Nonspecial events
 - 1 Minor events – Birthdays, Religious functions, and festivals
 - 2 Major events – weddings, party
- iii Informal occasions
 - 1 Daily clothing
 - 2 Clothing for Rest and leisure

Unit VII - Clothing for various occupations sport and fitness exercise

- i. For various occupation- Doctors and nurse, lawyers, Teachers, Automobile workers etc.
- ii. For various sports person -
 - 1 Active – cricket, Tennis, Swimming, Gymnastic
 - 2 Passive- chess, carom
- iii Selection of garments for fitness exercise- ieyoga ,aerobics

Unit VIII – Clothing Management

- i. Developing skills in clothing management
- ii. Budgeting for family clothing
- iii. Wardrobe planning

Practicals:

- 1 Drafting, cutting and stitching of Party Frock (10 to 12 years old girl)
- 2 Drafting, cutting and stitching of Sari Blouse/ Shirt
- 3 Collection of fabric samples used in clothing for different age group (minimum 5 Samples)

Examination pattern of Practical examination – 20 marks

Submission of garments = 5 *2 = 10 marks

Journal and submission of sample collection = 05 marks

Drafting and paper cutting of any one garment of full measurement = 05 marks

Reference Books –

- 1 Thompson and Rea, John Wiley and Son - Clothing for children
- 2 Latzke and Quitan, Hippincotoo , Chicago - Clothing
- 3 Rathbone and TarplayHongtenmiffin co.- Fabric and Dress
- 4Pandit savitri, Orient Longmans- Manual of children’s clothing
- 5Starn M and Glieser - Guide of modern clothing
- 6Lewis- Comparative clothing construction
- 7 .VimalAadhavu- Vastrashastra, Maharashtra GranthNirmate Mandal, Aurangabad
- 8Hegade-ShastroktshivankalaBHag 1 ani 2, Hegade Tailoring College, Pune
- 9Dr.UjwalaVairagade, Anvita Agrawal(2009)-VastrashastrachiSankalpana v Fashion Designing, Vidya Books Publishers, Aurangabad

M. A. Part I (Home Science) Semester – II Course VIII – Maternal and Child Nutrition

Preamble: Maternal and child nutrition is an important aspect in the life span development and wellbeing of mother and child. Proper nutrition and health care during pregnancy, lactation and early childhood greatly improves the health indices and malnutrition in the vulnerable group. This course aims to create awareness to minimize the preventable health issues among women, children.

Course outcomes: Students will be able to –

1. understand the significance of maternal and child nutrition
2. to understand the role of nutrition during pregnancy,

lactation, and infancy

Workload – 4 lecturers / week

Total Credits -4

Total Marks -100

Theory -80 Marks

CIE -20 Marks

Course content

Theory

Lectures

Module I - Status of Maternal and Child nutrition

1.1 Current Nutritional and Health status of Women and Children in India

1.2 Changing concept of Maternal and Child nutrition

1.3 Etiology and management of Malnutrition in Mother and Child

Module II – Importance of Maternal Nutrition

2.1 Prior to and During pregnancy

2.2 Pre-requisite for successful outcome

2.3 Effect of under nutrition on pregnancy outcome and mother and child health

Module III - Pregnancy

3.1 Physiology and endocrinology of pregnancy

3.2 Adolescent Pregnancy and late Pregnancy -definition, causes, pros and cons

3.3 Pregnancy and AIDS

3.4 Pregnancy and Tuberculosis

Module IV – Lactation

4.1 Development of mammary tissues and role of hormones

4.2 Lactational amenorrhea, effect of breast feeding on maternal health

4.3 Human milk composition

4.4 Factors affecting breast feeding and fertility

Module V – Management of Lactation

5.1 Problems related to lactation – sore nipple, inverted nipples, engorged nipples, abscess etc.

5.2 Exclusive Breast Feeding

5.3 Breast feeding and AIDS

Module VI – Infant

6.1 Preterm and low birth weight infant - causes, implications, and remedies

6.2 Growth and development during infancy

6.3 Feeding of infant and children and dietary management

Module VII – Breast Feeding initiatives

7.1 Concept, Importance

7.2 World Breast-feeding week

7.3 role of WABA, WHO in promotion of Breast feeding

7.4 Baby friendly hospitals initiatives

Module VIII – Policies and Programmes for promoting Maternal and Child Nutrition and Health

8.1 ICDS

8.2 National Mid day meal programme

8.3 Vitamin. A. Prophylaxis programme

8.4 National Iodine Deficiency disorder control programme

References Books –

1. Bamji M.S., Rao N.P. and Reddy V. 1999. Text Book of Human Nutrition, Oxford and IBH.
2. Falkner F. and tanner J.M. 1978. Human growth - Postnatal Growth and neuro biology, Vol.II. Plenum Press.
3. Sachdeva PHS and Choudhary P. 1994. Nutrition in Children, Cambridge Press.
4. Williams S. R. Worthington R. S. Snehilinka ED, Pipes P, Ress JM and Mahal KL. 1988
Nutrition throughout the Life Cycle. Times Mirror/Mosby College Publ.
5. NIN: Maternal and Child Nutrition.
6. Francis DEM, 1986. Nutrition in the Life span. John Wiley and Sons
7. NNMB Reports.
8. Ziegler EE and Filer LJ. 1996. Present Knowledge in Nutrition. International Life Science Institute, Washington, D.C.
9. M. Raheena Begum - Food Nutrition and Dietetics
10. Devidson and Passmore - Human Nutrition and Dietetics
11. Jelliffee:-Assessment of Community Nutritional status
12. Vijaya Khader - Food, Nutrition and Health