MASTER OF ARTS

(2022-2024)

COPO Mapping and Attainment of the Programme

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Programme - M.A. Home Science
Assessment, Attainment Criteria and Levels
1. Direct Assessment- 80%
a. University Exams- 70%
b. Sessional Exams- 30 %
2. Indirect Assessment – 20% (Course Exit Survey)

Sessional Examination
1. Attainment Level I: 60% of students scoring more than 50% marks out of the maximum marks
2. Attainment Level II: 70% of students scoring more than 50% marks out of the maximum marks
3. Attainment Level III: 80% of students scoring more than 50% marks out of the maximum marks

University Examination
1. Attainment Level I: 60% of students scoring more than 50% marks out of the maximum marks
2. Attainment Level II: 70% of students scoring more than 50% marks out of the maximum marks
3. Attainment Level III: 80% of student s scoring more than 50% marks out of the maximum marks

Course Exit Survey
1. Attainment Level I: Average Score of 60% of students more than 3 (scale of 5)
2. Attainment Level II: Average Score of 70% of students more than 3 (scale of 5)
3. Attainment Level III: Average Score of 80% of students more than 3 (scale of 5)

PROGRAMME OBJECTIVES
1. To impart the fundamental knowledge in all the major domains of Home Science and related areas of studies.
2. To develop competency in application of knowledge in different settings i.e., family, community, workplace etc
3. To impart and develop skills for professional life
4. To prepare for higher degree with specializations, create professionals in different related areas, foster research & development, teaching, government and public service and entrepreneurship.

PROGRAMME OUTCOMES

1. Deliver quality tertiary education through learning while doing and reflect universal and domain-specific values in Home Science

2. Involve, communicate, preach and practice change as a continuum and engage key stakeholders.

3. Develop the ability to address the complexities and interface among of self, societal and national priorities.

4. Generate multi-skilled leaders with a holistic perspective that cuts across disciplines.

5. Instill both generic and subject-specific skills to succeed in the employment market and hence foster genre of responsible students with a passion for lifelong learning and entrepreneurship.

6. Develop sensitivity, resourcefulness and competence to render service to families, communities, and the nation at large.

7. Promote research, innovation and design (product) development favouring all the disciplines in Home Science.

8. Enhance digital literacy and apply them to engage in real time problem solving and ideation related to all fields of Home Science.

9. Appreciate and benefit from the symbiotic relationship among the five core disciplines of Home Science – Resource Management, Food Science and Nutrition, Textiles and Clothing, Human Development and Family Studies and Extension and Communication

M.A. HOME SCIENCE
SEMESTER I
RESEARCH METHODOLOGY
M.A.-HS- 101

Course objective:
1. To understand the significance of statistics and research methodology in Home Science research.
2. To understand the types, tools and methods of research and develop the ability to construct data gathering instruments appropriate to the research design
3. To understand and apply the appropriate statistical technique for the measurement scale and design.

Course Outcomes:
1. Gain insight about research methodology.
2. Aware about basic principles of research used in field.
3. Understand the probability theories and methods of sampling while conduct a research.
4. Apply different methods of data collection in field.
5. Can write research reports and research proposals.

CO-PO Mapping of MAHS-101

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	2	3	3	3	2	2
CO2	3	3	3	2	3	3	3	2	3
CO3	3	3	2	3	3	3	3	2	2
CO4	3	3	3	3	3	3	3	3	3
CO5	3	2	3	3	3	2	3	3	2
Total	15	14	13	13	15	14	15	12	12
Average of filled	3	2.8	2.6	2.6	3	2.8	3	2.4	2.4

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks

Scored Attainment	3	3

Sessional- 30% of 3= 30x3/ 100= 0.9
University End Semester Exams- 70% of 3= 70x3/ 100=2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Overall calculated Direct Assessment Value= 80% of 3= 80x3 / 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.15
100% of responses are more than 3 scale	
Level	3

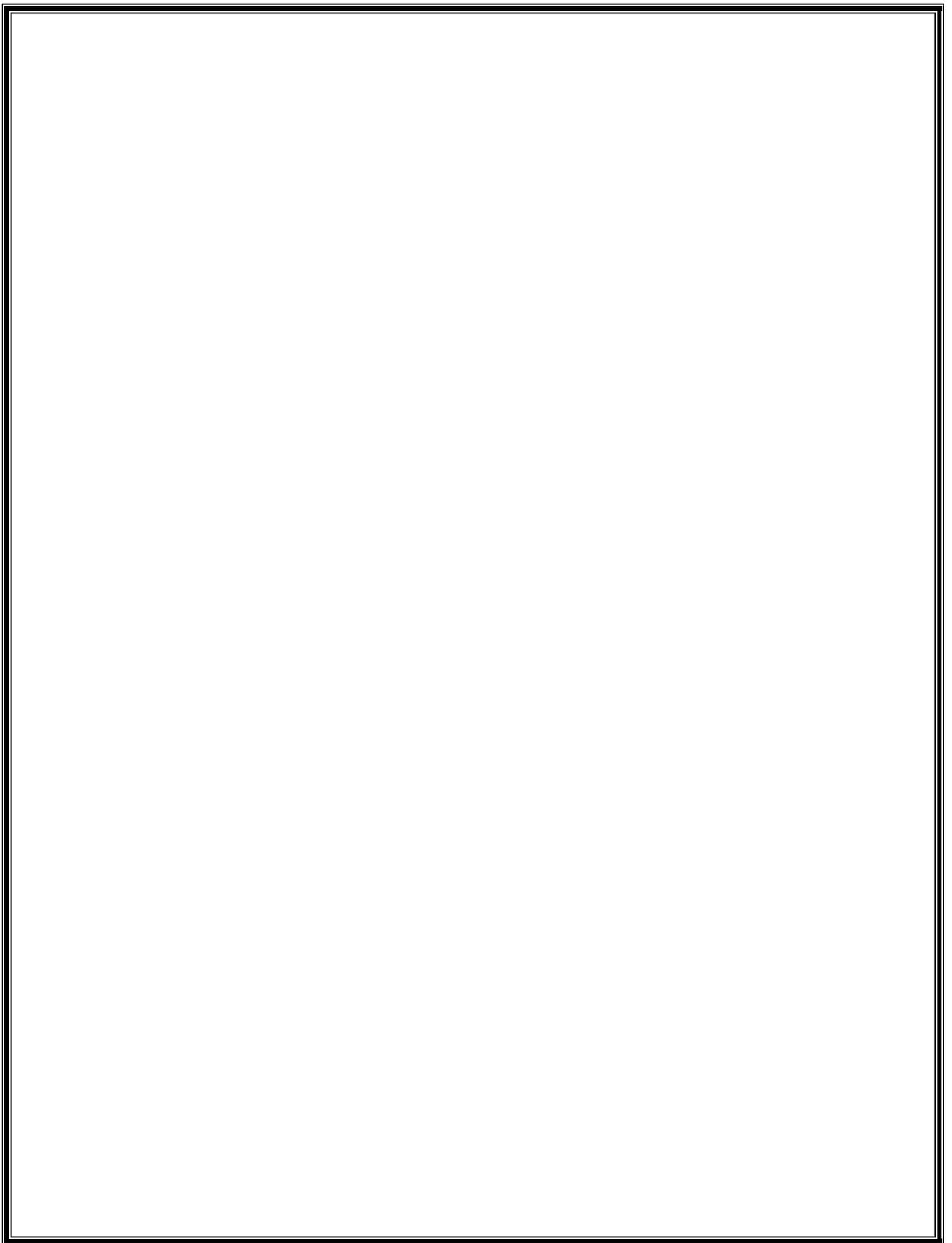**Calculated Value for Indirect Assessment 20% of = 20x3/ 100= 0.6**
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+0.6= 3

Matrix to Calculate the Attainment Score of M.A. Home Science

S. No.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	3	3	2.8	2.6	2.6	3	2.8	3	2.4	2.4
Attainment score		3x3/3 = 3	2.8x3/3 =2.8	2.6x3 /3 =2.6	2.6x3/3 =2.6	3x3/3 = 3	2.8x 3/3 =2.8	3x3/ 3 = 3	2.4X 3/3 =2.4	2.4X 3/3 =2.4
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

M.A. HOME SCIENCE
SEMESTER I
BASICS OF FOOD SCIENCE AND NUTRITION
(M.A.-HS-102)

Course Objectives:

1. Study the different methods of cooking foods
2. Obtain knowledge of different food groups, their composition and nutrients present in the foods.
3. Understand the vital link between foods, nutrition and health
4. Gain knowledge on functions, requirements and effects of deficiency of nutrients

Course Outcomes

1. Summarize and critically discuss and understand both fundamental and applied aspects of Food Science and nutrition.
2. Able to explain functions of specific nutrients in maintaining health
3. Identifying nutrient specific force and apply the principles from the various factors of foods and related disciplines to solve practical as well as Real world problems
4. Use current information Technologies to locate and apply evidence-based guidelines and protocol and get imported with critical thinking to take leadership roles in the field of health, diet special nutritional needs and nutritional counseling.

CO-PO mapping of MAHS-102
Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	2	3	1	1	2
CO2	3	2	3	3	3	3	2	2	2
CO3	3	2	3	3	3	2	2	3	2
CO4	3	2	3	3	3	2	3	3	3
Total	12	9	12	11	11	10	8	9	9
Average of filled	3	2.25	3	2.75	2.75	2.5	2	2.25	2.25

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Sessional- 30% of 3= 30x3/ 100= 0.9
University End Semester Exams- 70% of 3= 70x3/ 100=2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Overall calculated Direct Assessment Value= 80% of 3= 80x3 / 100= 2.4

Indirect Assessment (Course Exit Survey on 5 scale)
Total students- 1

S. No.	Average score of course exit survey (student wise)
1.	4.85
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3= 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+0.6= 3

Matrix to Calculate the Attainment Score of M.A. Home Science

S. No.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	2.25	3	2.75	2.75	2.5	2	2.25	2.25
Attainment score		3x3/3 = 3	2.25x3/3 =2.25	3x3/3 =3	2.75x3/3 =2.75	2.75 x3/3 =2.75	2.5x 3/3 =2.5	2x 3/3 =2	2.25 X3/3 =2.25	2.25 X3/3 =2.25
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

Course Objectives

1. Obtain a broad understanding of textiles
2. Develop understanding of technical terms involved in textiles.
3. Get acquainted with the properties and uses of various textile fibers.
4. Develop the skills for identification of fibers and fabrics
5. Understand different types of yarns, weaves and finishes.
6. Develop skills in making wise selection of textiles.
7. Acquire knowledge of methods of laundry and stain removal.
8. Learn the methods of dyeing, printing, and finishing of fabrics.

Course Outcomes

1. Develop an understanding of concepts and basics of textiles.
2. Understands and define the key textile terms.
3. Develop critical understanding of the techniques of yarn and fabric manufacture.
4. Identify the fibers, yarn and fabrics for its appropriate use.
5. Analyze and asses dyed and printed textiles.
6. Recommend the dyes, printing and finishing of textiles for specific use.

CO-PO mapping of MA.**-HS-103**

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	3	2	2	3	3	2	1	2
CO2	3	2	2	2	3	2	3	2	1
CO3	3	3	2	2	3	3	3	2	1
CO4	3	2	3	3	3	3	3	2	2
CO5	3	3	2	2	3	2	3	2	2
CO6	3	2	3	2	3	2	3	2	1
Total	17	15	14	13	18	15	17	11	9
Average of filled	2.83	2.5	2.33	2.16	3	2.5	2.83	1.83	1.5

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Sessional- 30% of 3= 30x3/ 100= 0.9
University End Semester Exams- 70% of 3= 70x3/ 100=2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Overall calculated Direct Assessment Value= 80% of 3= 80x3 / 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.4
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3= 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+0.6= 3

Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	2.83	2.5	2.33	2.16	3	2.5	2.83	1.83	1.5
Attainment score		2.83x3/3 = 2.83	2.5x3/3 =2.5	2.33x3/3 =2.33	2.16x3/3 =2.16	3x3/3 =3	2.5x3/3 =2.5	2.83x3/3 =2.83	1.83 x 3/3 =1.83	1.5x 3/3 =1.5
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

M.A. HOME SCIENCE
SEMESTER I
FUNDAMENTALS OF HUMAN DEVELOPMENT
(MAHS-104)

Course Objectives

1. Develop an understanding about the need and importance of studying human growth and development across life span
2. Learn about the biological and environmental factors that affect development
3. Learn about the characteristics, needs and developmental tasks of different stages in the human life cycle
4. Understand the different theoretical frameworks fundamental to HDFS
5. Learn about the classic human development theories
6. Develop professional attitude for working with human beings across life span

Course Outcomes

1. Explain the need and importance of studying human growth and development across life span.
2. Identify the biological and environmental factors affecting human development.
3. Describe the characteristics, needs and developmental tasks of different stages in the human life cycle
4. Explain the broad theoretical perspectives and frameworks of HDFS
5. Apply the theoretical approaches to work with human being across life span.

CO-PO mapping of MAHS-104

Course Outcomes

S. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1	2	2	2	1	2
CO2	3	3	3	1	2	3	2	1	1
CO3	3	2	3	3	2	1	1	2	2
CO4	2	2	2	1	2	1	3	2	2
CO5	3	3	3	2	2	3	2	2	3
Total	14	13	14	8	10	10	10	8	10
Average of filled	2.8	2.6	2.8	1.6	2	2	2	1.6	2

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Sessional- 30% of 3= 30x3/ 100= 0.9
University End Semester Exams- 70% of 3= 70x3/ 100=2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Overall calculated Direct Assessment Value= 80% of 3= 80x3 / 100= 2.4

Indirect Assessment (Course exit survey on 5 scales)
Total students- 01

S.No.	Average score of course exit survey (student wise)
1.	4.15
100% of responses are more than 3 scale	
Level	3

Calculated Value for indirect assessment- 20% of 3= 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+0.6= 3

Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	2.8	2.6	2.8	1.6	2	2	2	1.6	2
Attainment score		2.8x3/3 =2.8	2.6x3/3 =2.6	2.8x3/3 =2.8	1.6x3/3 =1.6	2x3/3 =2	2x3/3 =2	2x3/3 =2	1.6x3/3 =1.6	2x3/3 =2
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

M.A. HOME SCIENCE
SEMESTER II
RESOURCE MANAGEMENT CONCEPTS AND CONTEXTS
M.A. HS 201

Course Objectives

    1. Learning to identify and manage the use of resources available for functional use

    2. Comprehending the purpose of managing resources

    3. Setting realistic goals and being practical and prudent in the use and management of limited resources by making intelligent decisions

    4. Becoming money, time and energy conscious in daily living

Course Outcomes

    1. Understanding on the concepts related to family resource management

    2. Appreciation of the significance of management process in efficient use of resources

    3. Imbibing nuances of human values and standards for successful management and decision making

    4. Focus on management of human energy as a family resource

CO-PO mapping of M.A. HS 201

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	2	2	3	3	2	2	2
CO2	3	2	2	2	3	3	2	2	2
CO3	3	3	3	3	3	3	2	2	2
CO4	3	3	3	3	3	3	2	2	2
Total	12	10	10	10	12	12	8	8	8
Average of filled	3	2.5	2.5	2.5	3	3	2	2	2

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100% of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value-

Sessional- 30% of 3= 30x3/ 100=0.9

End Semester Exams- 70% of 3= 70x3/ 100= 2.1

Total Direct Assessment Value= 0.9+ 2.1= 3

Calculated Direct Assessment Value= 80% of 3= 80x 3/ 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.89
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3 = 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value=2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	2.5	2.5	2.5	3	3	2	2	2
Attainment score		3x3/3 = 3	2.5x3/3 = 2.5	2.5x3/3 = 2.5	2.5x3/3 = 2.5	3x3/3 = 3	3x3/3 = 3	2x 3/3 =2	2x 3/3 =2	2x 3/3 =2
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

Course Objectives
1. Understand the concept of Communication and its role in exchange of information
2. Examine the models and barriers to communication
3. Learn about the concept of extension, extension approaches and models
4. Enhance the students in the selection and use of media in different socio-cultural environment.

Course Outcomes

1. Gain knowledge on the need and importance of communication and its significance in exchange of information.
2. Analyze the models of Communication and role of media in societal development
3. Perceive the importance of extension education
4. Acquire knowledge on the extension models and approaches

CO-PO mapping of M.A. HS 202
Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3	3	2	2	3	2
CO2	3	3	2	2	2	2	3	3	2
CO3	3	2	2	3	2	2	2	2	2
CO4	3	3	2	3	2	3	3	3	2
Total	12	11	9	11	9	9	10	11	8
Average of filled	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2

Direct Assessment of M.A HS 202

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value-
Sessional- 30% of 3= 30x3/ 100= 0.9
End Semester Exams- 70% of 3= 70x3/ 100= 2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Calculated Direct Assessment Value= 80% of 3= 80x 3/ 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.03
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3 = 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value=2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2
Attainment score		3x3/3 =3	2.75x 3/3 =2.75	2.25x 3/3 =2.25	2.75x 3/3 =2.75	2.25x 3/3 =2.25	2.25x 3/3 =2.25	2.5x 3/3 =2.5	2.75x 3/3 =2.75	2x 3/3 =2
Status Of Attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

M.A. HOME SCIENCE
SEMESTER II
EARLY CHILDHOOD CARE AND EDUCATION
M.A. HS 203

Course Objectives:
1. Know the importance of early childhood years and significance of intervention programs for early childhood development.
2. Develop insight into the historical developments – global and Indian including the current programs and policies in ECCE.
3. Develop awareness of ECCE programs in different contexts in India.
4. Familiarize with indigenous (Indian) models of Early Childhood Education and explore the current early childhood research, theoretical trends and issues.
5. To learn about different curriculum models and pedagogical approaches in early childhood education.
6. Impart knowledge on programme planning for young children.

Course Outcomes:
1. Explain the importance of early childhood years and significance of intervention programs for early childhood development.
2. Describe the historical developments – global and Indian including the current programs and policies in ECCE.
3. Identify various indigenous (Indian) models of Early Childhood Education and apply it to understand the current early childhood research, theoretical trends and issues.
4. Analyze curriculum models and pedagogical approaches in early childhood education.
5. Create developmentally appropriate programs for young children

CO-PO Mapping of **M.A. HS 203**
Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	2	2	3	3	2	2
CO2	3	3	3	3	2	2	3	2	2
CO3	3	3	3	2	3	2	3	2	3
CO4	3	3	2	2	3	3	3	2	2
CO5	3	3	3	3	3	3	3	2	3
Total	15	14	14	12	13	14	15	10	12
Average of filled	3	2.8	2.8	2.4	2.6	2.8	3	2	2.4

Direct Assessment of M.A. HS 203

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value-
Sessional- 30% of 3= 30x3/ 100=0.9
End Semester Exams- 70% of 3= 70x3/ 100= 2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Calculated Direct Assessment Value= 80% of 3= 80x 3/ 100= 2.4

Indirect Assessment (on 5 Scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.82
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3 = 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value=2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of M.A. Home Science

S.no.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	2.8	2.8	2.4	2.6	2.8	3	2	2.4
Attainment score		3x 3/3 =3	2.8x 3/3 =2.8	2.8x 3/3 =2.8	2.4x 3/3 =2.4	2.6x 3/3 =2.6	2.8x 3/3 =2.8	3x 3/3 =3	2x 3/3 =2	2.4x 3/3 =2.4
Status Of Attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

Course Objectives

1. Students should understand a general definition of research design.
2. Students should know why educational research is undertaken, and the audiences that profit from research studies.
3. Students should be able to identify the overall process of designing a research study from its inception to its report.
4. Students should be familiar with ethical issues in educational research, including those issues that arise in using quantitative and qualitative research.
5. Students should know the primary characteristics of quantitative research and qualitative.

Course Outcomes

1. Search for, select and critically analyze research articles and papers
2. Prepare a literature review
3. Formulate and evaluate research questions
4. Develop a research proposal or industry project plan
5. Gain experience with instrument development and data collection methods
6. Gain experience with ethics proposals

CO-PO Mapping of **MA-HS-GE1**

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	3	2	3	2	3
CO2	3	3	3	2	3	2	2	2	3
CO3	3	3	3	3	3	2	2	2	3
CO4	3	3	3	3	3	3	3	3	3
CO5	3	3	2	3	3	3	3	3	3

CO6	3	3	3	3	3	3	3	3	3
Total	18	18	17	16	18	15	16	15	18
Average of filled	3	3	2.83	2.67	3	2.5	2.67	2.5	3

Direct Assessment of M.A. HS GE1

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value-
Sessional- 30% of 3= 30x3/ 100= 0.9
End Semester Exams- 70% of 3= 70x3/ 100= 2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Calculated Direct Assessment Value= 80% of 3= 80x 3/ 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.15
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3 = 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO		3	3	2.83	2.67	3	2.5	2.67	2.5	3

mapped value	3									
Attainment score		3x 3/3 =3	3x 3/3 =3	2.83x 3/3 =2.83	2.67x 3/3 =2.67	3x 3/3 =3	2.5x 3/3 =2.5	2.67x 3/3 =2.67	2.5x 3/3 =2.5	3x 3/3 =3
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

Course Objectives
1. The purpose of commencing English communication skills course is to develop in students fundamental communication skills being integral to personal, social and professional interactions.
2. One of the significant associations among human beings is the ability to share thoughts, emotions and ideas through various means of communication: both verbal and non-verbal.
3. The present course hopes to address most of these aspects through an interactive approach of teaching learning process; focusing on various dimensions of communication skills
4. The course also focuses on enhancing the ability to handle casual and formed satiations in terms of personal and intellectual grooming.

Course Outcomes
1. Projecting the first impression
2. Use simple forms of polite expressions to establish basic social contact and to perform everyday functions including making requests and offers, conducting simple phone conversations, asking and telling time, giving simple directions, asking about price, ordering a meal, etc.
3. Students learn to use general, social and professional language.
4. Polishing manners to behave appropriately in social and professional circles.
5. Handling difficulty situations with grace style and professionalism

CO-PO mapping of AEC-01

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	3	3	2	2	2	2
CO2	3	3	3	3	3	3	1	2	2
CO3	3	3	3	3	3	2	2	2	2
CO4	3	3	3	3	3	2	1	2	1
CO5	3	3	3	3	3	3	1	3	2
Total	15	15	14	15	15	12	7	11	9
Average of filled	3	3	2.8	3	3	2.4	1.4	2.2	1.8

Direct Assessment of (AEC-01)

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value-

Sessional- 30% of 3= 30x3/ 100= 0.9
End Semester Exams- 70% of 3= 70x3/ 100= 2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Calculated Direct Assessment Value= 80% of 3= 80x 3/ 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.65
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3 = 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value=2.4+ 0.6 = 3

Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	3	3	3	2.8	3	3	2.4	1.4	2.2	1.8
Attainment score		3x 3/3 =3	3x 3/3 =3	2.8x 3/3 =2.8	3x 3/3 =3	3x 3/3 =3	2.4x 3/3 =2.4	1.4x 3/3 =1.4	2.2x 3/3 =2.2	1.8x 3/3 =1.8
Status Of Attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

SEMESTER II
ENVIRONMENTAL SCIENCE
(AEC-02)

Course Objectives
1. Understanding of major concepts in environmental sciences and creating the awareness about environmental problems among people;
2. Recognize the interconnectedness of multiple factors in environmental challenges;
3. Imparting basic knowledge about the environment and its allied problems to develop an attitude of concern for the environment in respect to environment protection and environment improvement;
4. Motivating students to participate in Develop analytical skills, critical thinking, in identifying and solving environmental problems.

Course Outcomes
1. To understand the concept and function of the environment and recognize the physical, chemical, and biological components of the earth's systems and their functions.
2. To acquire the awareness on the ecosystem structure and process which interlinked with human survival, intensively need attention at global and regional level.
3. To identify common and adverse impacts of human activities on biotic communities, soil, water, and air quality and suggest sustainable strategies to mitigate these impacts;
4. Develop an understanding of environmental pollutions and hazards and general measures to control them.
5. To identify surrounding natural resources including renewable resources and non-renewable resources and practices for their restoration.
6. To realize the importance of biodiversity for maintaining ecological balance and Global conservation practices and strategies.

CO-PO mapping of AEC-02
Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	2	2	3	3	2	2	2
CO2	3	3	3	3	3	3	3	2	3
CO3	3	3	3	2	3	3	2	2	2
CO4	3	3	2	2	3	3	3	2	2
CO5	3	3	3	2	3	3	3	2	3
CO6	3	3	3	2	2	3	2	2	2
Total	18	17	16	13	17	18	15	12	14
Average of filled	3	2.83	2.66	2.16	2.83	3	2.5	2	2.33

Direct Assessment of AEC-02

Total Number of Students	% of marks expected	Sessional	End Semester Exams
01	50	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		**3**	**3**

Calculated Value-
Sessional- 30% of 3= 30x3/ 100= 0.9
End Semester Exams- 70% of 3= 70x3/ 100= 2.1
Total Direct Assessment Value= 0.9+ 2.1= 3
Calculated Direct Assessment Value= 80% of 3= 80x 3/ 100= 2.4

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1.	4.66
100% of responses are more than 3 scale	
Level	3

Calculated Value- 20% of 3 = 20x3/ 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value=2.4+ 0.6 = 3
Matrix to Calculate the Attainment Score of M.A. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	2.83	2.66	2.16	2.83	3	2.5	2	2.33
Attainment score		3x 3/3 =3	2.83 x 3/3 =2.83	2.66 x 3/3 =2.66	2.16 x 3/3 =2.16	2.83 x 3/3 =2.83	3x 3/3 =3	2.5x 3/3 =2.5	2x 3/3 =2	2.33 x 3/3 =2.33
Status of attainment		YES	YES	YES	YES	YES	YES	YES	YES	YES

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

SEMESTER- III

M.A. HOME SCIENCE
SEMESTER III
FUNDAMENTALS OF HUMAN PHYSIOLOGY
MA HS-301

Course Objectives:

1. Obtain an insight into the structure and functions of cells, tissues and organs in human body

2. Understand the anatomy and physiology of the various systems in the human body

3. Comprehend the functions of systems of the human body

4. Gain knowledge on Endocrine, Nervous and Reproductive System

Course Outcomes:

1. Gain the basic knowledge of human anatomy and physiology.

2. Define the main structures composing human body.

3. Explains structure and functions of cells, tissues and organs, systems of the human body

4. Relates structure and functions of tissue.

5. Provides excellent preparation for careers in the health professions and/or biomedical research.

CO-PO Mapping of **MA-HS-301**

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	2	2	3	3	2	3
CO2	3	3	3	2	2	3	3	2	3
CO3	3	3	3	2	2	3	3	2	3
CO4	3	3	2	2	2	3	3	2	2
CO5	3	3	2	3	3	3	3	2	3
Total	15	14	13	11	11	15	15	10	14
Average of filled	3	2.8	2.6	2.2	2.2	3	3	2	2.8

Direct Assessment of MA-HS 301

Total Number of Students	% of marks expected	Sessional	End Semester Exams

1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-

Calculated Value for Direct Assessment-

 Sessional- 30% of 3 = 30x 3 / 100= 0.9

University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1

Total Direct Assessment Value= 2.1+ 0.9 = 3

Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	3.9
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value		3	2.8	2.6	2.2	2.2	3	3	2	2.8

	3	3x 3/3 = 3	2.8x 3/3 = 2.8	2.6x 3/3 = 2.6	2.2x 3/3 = 2.2	2.2x 3/3 = 2.2	3x 3/3 = 3	3x 3/3 = 3	2x 3/3 = 3	2.8x 3/3 = 3
Attainment score										
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Teach students about human body with more and more laboratory experience
2	Develop awareness by group discussions and demonstrations.
3	Take presentation of students to increase their concentration and confidence

M.A. HOME SCIENCE

SEMESTER III

FUNDAMENTALS OF CLOTHING CONSTRUCTION

(MA-HS-302)

Course Objectives:

1. Develop an understanding about the basics of clothing construction
2. Learn about the principals involved in clothing construction.
3. Know about various sewing equipment that are essential in a sewing room.
4. Learns to construct articles.
5. Develop skill in coordinating fabrics, patterns and supportive materials

Course Outcomes

1. Understand basic principles of clothing construction
2. Comprehend the importance and function of clothes.
3. Identify the common fabrics used for clothing construction
4. Utilize design components in garment construction
5. Gain an insight of various sewing machines and other sewing equipment's available in the market, their functioning & common problems faced while usage
6. Understands various garment construction process.
7. Co-ordinates fabrics, patterns and supportive materials
8. Construct the garment

CO-PO Mapping of **MA-HS-302**

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	3	3	3	2	2	3
CO2	3	3	2	2	3	3	3	2	2
CO3	3	3	2	3	3	3	2	2	2
CO4	3	3	2	3	3	3	2	2	2
CO5	3	3	2	3	3	3	2	2	2

CO6	3	3	2	2	3	3	2	2	2
CO7	3	3	2	2	3	3	2	1	2
CO8	3	3	1	3	3	3	1	1	2
Total	24	24	15	21	24	24	16	14	17
Average of filled	3	3	1.87	2.62	3	3	2	1.75	2.12

Direct Assessment of MA-HS 302

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
Sessional- 30% of 3 = 30x 3 / 100= 0.9
University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4.53125
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
	d									

	attainment									
Average CO-PO mapped value		**3**	**3**	**1.87**	**2.62**	**3**	**3**	**2**	**1.75**	**2.12**
Attainment score	**3**	**3x 3/3 = 3**	**3x 3/3 = 3**	**1.87x 3/3 = 1.87**	**2.62 x 3/3 = 2.62**	**3x 3/3 = 3**	**3x 3/3 = 3**	**2x 3/3 = 2**	**1.75x 3/3 = 1.75**	**2.12x 3/3 = 2.12**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Giving more of practical approach by introducing demonstrative methods in teaching
2	Taking students views and feedback on various methods of grasping and inculcating knowledge.

M.A. HOME SCIENCE

SEMESTER III
PLANNING AND DESIGNING INTERIOR SPACE
(MA-HS-303)

Course Objectives

1. Develop comprehension on the nuances of design, design elements and principles
2. Draft house plans based on standard guidelines and principles
3. Understand space design organization for optimum comfort and functionalism.
4. Evaluate residential interior space for aesthetic and ergonomic feasibility

Course Outcomes

1. Practicing knowledge gained on selection of site and building principles in real life situations
2. Enable reading and comprehending building plans, evaluating and drafting them
3. Examining market trends, merits and demerits of building materials and finishes
4. Appreciate principles of design and the contributing factors and refine personal aesthetic senses

CO-PO Mapping of **MA-HS-303**

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	3	3	3	2	2	3
CO2	3	3	2	2	3	3	2	2	2
CO3	3	3	2	3	3	3	3	2	2
CO4	3	3	2	3	3	3	3	2	3
Total	12	12	8	11	12	12	10	8	10
Average of filled	3	3	2	2.75	3	3	2.5	2	2.5

Direct Assessment of MA-HS 303

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
Sessional- 30% of 3 = 30x 3 / 100= 0.9
University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4.607142857
100% of responses are more than 3 Scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	3	2	2.75	3	3	2.5	2	2.5

		3x 3/3 = 3	3x 3/3 = 3	2x 3/3 = 2	2.75x 3/3 = 2.75	3x 3/3 =3	3x 3/3 =3	2.5x 3/3 = 2.5	2x 3/3 = 2	2.5x 3/3 = 2.5
Attainment score										
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action plan for attainment of CO-PO for the next year

Sl. no.	
1	Taking students to various places to analyze them and get practical knowledge of interior design approach
2	Make students decorate and design department rooms and places.

M.A. HOME SCIENCE

SEMESTER III
SURFACE ORNAMENTATION
MA-HS-304A

Course Objectives:

1. Impart knowledge to the students about different techniques of surface ornamentation
2. Enable the students to make diversified products by using these techniques.
3. Introduce students to varied embroideries of India, painting and printing on textiles.
4. Develop skills to express their creativity through various methods of surface ornamentation.
5. Understand, develop and communicate ideas and information.

Course Outcomes:

1. Identify and use embroidery tools following safety precautions.
2. Meticulous use stitches and trimmings
3. Translate design ideas onto fabric.
4. Use the Indian Embroidery, painting and printing for developing products
5. Access, analyse, evaluate and use information from a variety of sources, work collaboratively with others to achieve individual and collective goals.
6. Confidence in developing their own designs.

CO-PO Mapping of **MA-HS-304A**

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3	2	1	2	3	3
CO2	3	3	1	1	2	1	2	2	1
CO3	3	3	2	1	2	2	3	2	2
CO4	3	3	1	2	3	3	3	1	1
CO5	3	3	3	3	3	3	2	1	1
CO6	3	3	3	3	3	3	3	3	3
Total	18	18	13	13	15	13	15	12	11
Average of filled	3	3	2.17	2.17	2.5	2.17	2.5	2	1.83

Direct Assessment of MA-HS 304A

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
Sessional- 30% of 3 = 30x 3 / 100= 0.9
University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4.56
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	3	2.17	2.17	2.5	2.17	2.5	2	1.83
Attainment score		3x 3/3 = 3	3x 3/3 = 3	2.17x 3/3 = 2.17	2.17x 3/3 = 2.17	2.5x 3/3 = 2.5	2.17x 3/3 = 2.17	2.5x 3/3 = 2.5	2x 3/3 = 2	1.83x 3/3 = 1.83

Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action Plan for Attainment of CO-PO For the next year

S.No.	
1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

SEMESTER- IV

Course Objectives

1. Understand the concept and process of communication for development

2. Acquire skill in information education and communication

3. Learn the concept of diffusion and acquires skill to transfer the Innovation

4. Strengthen the knowledge of traditional and modern media in development communication

Course Outcomes

1. Explain the basic concept, nature and significance of Communication model

2. Learn the communication channel and skill

3. Analyze the media in development communication

4. Understand the adoption and diffusion process to help the extension agents to accelerate them.

CO-PO mapping of MA-HS 401

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	2	2	3	3	2	2	2
CO2	3	2	2	2	3	3	2	2	2
CO3	3	3	3	3	3	3	2	2	2
CO4	3	3	3	3	3	3	2	2	2
Total	12	10	10	10	12	12	8	8	8
Average of filled	3	2.5	2.5	2.5	3	3	2	2	2

Direct Assessment of MA-HS401

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100% of students secured more than 50% of marks	83.3% of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
Sessional- 30% of 3 = 30x 3 / 100= 0.9
University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3
Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value		3	2.5	2.5	2.5	3	3	2	2	2

Attainment score	3	3x3/3 = 3	2.5x3/3 = 2.5	2.5x3/3 = 2.5	2.5x3/3 = 2.5	3x3/3 = 3	3x3/3 = 3	2x3/3 = 2	2x3/3 = 2	2x3/3 = 2
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action Plan for Attainment of CO-PO For the next year

S.No.	Action Plan
1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

FAMILY MEAL MANAGEMENT
MA-HS 402

Course Objectives

1. Study the growth and development during various stages of life span

2. Understand the basics for recommending the dietary allowances

3. Study nutritional needs at different stages of life span

4. Gain experience in planning adequate diets for different age groups and for different income groups.

Course Outcomes

1. Design food plans and assess the adequacy of diets to meet the nutritional needs of humans at various stages of life cycle.

2. Assess nutrition issues and conditions and also recommend nutrition intervention and support to promote the health and wellbeing.

3. Have the knowledge, both to develop and critique nutritional interventions designed to improve human health and well-being at specific age associated time points.

4. On completion of the course students will be able to critically assess nutritional requirements and nutritional health status of an individual.

CO-PO mapping of MA-HS 402

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3	3	2	2	3	2
CO2	3	3	2	2	2	2	3	3	2
CO3	3	2	2	3	2	2	2	2	2
CO4	3	3	2	3	2	3	3	3	2
Total	12	11	9	11	9	9	10	11	8
Average of filled	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2

Direct Assessment of MA-HS402

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50	0 % of students secured more than 50% of marks	0 % of students secured more than 50% of marks
Scored Attainment		0	0

Calculated Value for Direct Assessment-

Sessional- 30% of 0 = 30x 0 / 100= 0

University End Semester Exams- 70% of 0 = 70x 0 / 100= 0

Total Direct Assessment Value= 0+ 0 = 0

Overall Calculated Direct Assessment Value= 80% of 0 = 80x 0 / 100= 0

Indirect Assessment (Course Exit Survey on 5 Scales)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6
Overall Assessment of Attainment of Direct and Indirect Value= 0 + 0.6 = 0.6

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO		3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2

mapped value	0.6									
Attainment score		3x0.6/3 = 0.6	2.75x 0.6/3 = 0.55	2.25x 0.6/3 = 0.04	2.75x 0.6/3 = 0.55	2.25x 0.6/3 =0.04	2.25x 0.6/3 =0.04	2.5x 0.6/3 =0.5	2.75x 0.6/3 = 0.55	2x 0.6/3 = 0.4
Status of attainment		No	No	No	No	No	No	No	No	No

Action Plan for Attainment of CO-PO For the next year

S.No.	
1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

Course Objectives:

1. Identify and explain baking terms, ingredients, equipment and tools.

2. Employ safe food handling practices using contemporary guidelines

3. Scale and measure ingredients.

4. Prepare yeast dough, quick breads, pies, cookies, cakes, icing, pate choux, and savory baking.

5. Produce baked products using commercial ingredients and equipment.

Course Outcomes:

1. ☐Resize recipes to meet production needs and equipment capacities.

2. Scale, mix, mold, proof and bake yeast raised goods.

3. Prepare cookies using various common dividing and panning techniques.

4. Prepare home style crumb topped and two crust pies.

5. Prepare product finishes such as washes, glazes, icings, frostings and fillings.

6. Demonstrate proper storage techniques for all baked products.

7. To develop skills for setting up a bakery unit. And to enhance entrepreneurial skills in bakery and confectionery.

CO-PO Mapping of MA-HS 403D

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	2	2	3	3	2	2
CO2	3	3	3	3	2	2	3	2	2
CO3	3	3	3	2	3	2	3	2	3
CO4	3	3	2	2	3	3	3	2	2
CO5	3	3	3	3	3	3	3	2	3
CO6	3	3	3	3	3	3	2	2	2
CO7	3	3	3	3	3	3	2	2	2
Total	21	20	20	18	19	19	19	14	16

Average of filled	3	2.85	2.85	2.57	2.71	2.71	2.71	2	2.28

Direct Assessment of MA-HS 403D

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
Sessional- 30% of 3 = 30x 3 / 100= 0.9
University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4.5
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO		3	2.85	2.85	2.57	2.71	2.71	2.71	2	2.28

mapped value										
Attainment score	3	3x 3/3 = 3	2.85x 3/3 = 2.85	2.85x 3/3 =2.85	2.57x 3/3 = 2.57	2.71x 3/3 = 2.71	2.71x 3/3 = 2.71	2.71x 3/3 = 2.71	2x 3/3 = 2	2.28x 3/3 = 2.28
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action Plan for Attainment of CO-PO For the next year

S.No.	
1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

Course Objectives

1. Develop an understanding about the need and importance of studying child and adolescent development.
2. Develop an understanding about the historical views and theories on childhood and adolescent development.
3. Learn about the characteristics, needs and developmental tasks of infancy, early middle and late childhood, and early, middle and late adolescence.
4. Learn about the biological and environmental factors that affect development during childhood and adolescence.
5. Learn key issues which influence childhood and adolescent development.

Course Outcomes

1. Explain the need and importance of studying childhood and adolescence as a distinctive stage of the life-span.
2. Describe the historical views and theories on childhood and adolescent development.
3. Describe the characteristics, needs and developmental tasks of infancy, early childhood, middle childhood and early and late adolescence.
4. Identify the biological and environmental factors affecting development during childhood and adolescence.
5. Analyze key issues that influence child and adolescent development.

CO-PO mapping of (MA-HS-405)

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	2	3	3	3	2	3
CO2	3	2	3	2	3	3	3	2	3
CO3	3	2	3	2	3	3	3	2	3
CO4	3	3	3	2	3	3	3	2	3
CO5	3	3	3	3	3	3	3	2	3
Total	15	12	15	11	15	15	15	10	15
Average of filled	3	2.4	3	2.2	3	3	3	2	3

Direct Assessment of MA-HS405

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
Sessional- 30% of 3 = 30x 3 / 100= 0.9
University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3/ 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:- 1

S.No.	Average score of Course Exit Survey(student wise)
1.	4.5
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of MA-HS405

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	2.4	3	2.2	3	3	3	2	3

		3x 3/3 =3	2.4x 3/3 =2.4	3x 3/3 =3	2.2x 3/3 =2.2	3x 3/3 =3	3x 3/3 =3	3x 3/3 =3	2x 3/3 =3	3x 3/3 =3
Attainment score										
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action Plan for Attainment of CO-PO For the next year

S.No.	
1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

STATISTICAL METHODS FOR SOCIAL SCIENCES
MA. HS-GE2

Course Objectives

1. To understand the role of statistics and social sciences in research

2. To apply statistical techniques to research data for analyzing and interpreting data meaningfully

Course Outcomes

1. Students have knowledge about statistics, measurement and computation of data.

2. Knowledge of organization and presentation of data

3. Acquired skills to undertake systematic research through data distribution and parametric and non-parametric tests

4. Capable of doing stats using experimental designs, regressions- predictions and computer

CO-PO mapping of MA HS GE2

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	3	3	2	2	2	2
CO2	3	3	3	3	3	3	1	2	2
CO3	3	3	3	3	3	2	2	2	2
Total	9	9	8	9	9	7	5	6	6
Average of filled	3	3	2.6	3	3	2.33	1.66	2	2

Direct Assessment of MA-HS GE2

Total Number of Students	% of marks expected	Sessional	End Semester Exams
1	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-
 Sessional- 30% of 3 = 30x 3 / 100= 0.9

University End Semester Exams- 70% of 3 = 70x 3 / 100= 2.1
Total Direct Assessment Value= 2.1+ 0.9 = 3
Overall Calculated Direct Assessment Value= 80% of 3 = 80x 3 / 100= 2.4
Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-1

S.No.	Average score of Course Exit Survey(student wise)
1.	4.4
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x3 / 100= 0.6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3

Matrix to Calculate the Attainment Score of MA Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3**	3	3	2.6	3	3	2.33	1.66	2	2
Attainment score		3x 3/3 =3	3x 3/3 =3	2.6x 3/3 =2.6	3x 3/3 = 3	3x 3/3 = 3	2.33x 3/3 =2.33	1.66x 3/3 =1.66	2x 3/3 = 2	2x 3/3 = 2
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Action Plan for Attainment of CO-PO For the next year

S.No.	
1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

TARGET VALUE OF THE PROGRAM- B.SC. HOME SCIENCE 2021-2024

S.NO.	COURSE NAME	COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	Research Methodology	M.A.-HS-101	3	2.8	2.6	2.6	3	2.8	3	2.4	2.4
2	Basics of Food Science and Nutrition	M.A.-HS-102	3	2.25	3	2.75	2.75	2.5	2	2.25	2.25
3	Introduction to textiles	M.A.-HS-103	2.83	2.5	2.33	2.16	3	2.5	2.83	1.83	1.5
4	Fundamentals of Human Development	M.A.-HS-104	2.8	2.6	2.8	1.6	2	2	2	1.6	2
5	Resource Management Concepts and Contexts	M.A.-HS-201	3	2.5	2.5	2.5	3	3	2	2	2
6	Communication and Extension	M.A.-HS-202	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2
7	Early childhood care and education	M.A.-HS-203	3	2.8	2.8	2.4	2.6	2.8	3	2	2.4
8	Basics of Research	M.A.-HS-GE1	3	3	2.83	2.67	3	2.5	2.67	2.5	3
10	English	AEC-01	3	3	2.8	3	3	2.4	1.4	2.2	1.8
11	Environmental Science	AEC-02	3	2.83	2.66	2.16	2.83	3	2.5	2	2.33
12	Fundamentals of Human Physiology	M.A.-HS-301	3	2.8	2.6	2.2	2.2	3	3	2	2.8
13	Fundamentals of Clothing Construction	M.A.-HS-302	3	3	1.87	2.62	3	3	2	1.75	2.12
14	Planning and Designing Interior Space	M.A.-HS-303	3	3	2	2.75	3	3	2.5	2	2.5
15	Surface Ornamentation	M.A.-HS-304A	3	3	2.17	2.17	2.5	2.17	2.5	2	1.83
16	Communication Model in Extension	M.A.-HS-401	3	2.5	2.5	2.5	3	3	2	2	2
17	Family Meal Management	M.A.-HS-402	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2

	COURSE NAME	COURSE CODE									
18	Bakery Science	M.A.-HS-403D	3	2.85	2.85	2.57	2.71	2.71	2.71	2	2.28
19	Childhood and Adolescence	M.A.-HS-405	3	2.4	3	2.2	3	3	3	2	3
20	Statistical Methods for Social Sciences	M.A.-HS-GE2	3	3	2.6	3	3	2.33	1.66	2	2
	AVERAGE TARGET VALUE		**2.98053**	**2.75421**	**2.54789**	**2.49211**	**2.74158**	**2.66**	**2.40895**	**2.10684**	**2.22158**

				Program outcome and attainment value							
	COURSE NAME	**COURSE CODE**	**Attainment Value**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
1	Research Methodology	M.A.-HS-101	3	3	2.8	2.6	2.6	3	2.8	3	2.4	2.4
2	Basics of Food Science and Nutrition	M.A.-HS-102	3	3	2.25	3	2.75	2.75	2.5	2	2.25	2.25
3	Introduction to textiles	M.A.-HS-103	3	2.83	2.5	2.33	2.16	3	2.5	2.83	1.83	1.5
4	Fundamentals of Human Development	M.A.-HS-104	3	2.8	2.6	2.8	1.6	2	2	2	1.6	2
4	Resource Management Concepts and Contexts	M.A.-HS-201	3	3	2.5	2.5	2.5	3	3	2	2	2
5	Communication and Extension	M.A.-HS-202	3	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2
6	Early childhood care and education	M.A.-HS-203	3	3	2.8	2.8	2.4	2.6	2.8	3	2	2.4
7	Basics of Research	M.A.-HS-GE1	3	3	3	2.83	2.67	3	2.5	2.67	2.5	3
8	English	AEC-01	3	3	3	2.8	3	3	2.4	1.4	2.2	1.8
9	Environmental Science	AEC-02	3	3	2.83	2.66	2.16	2.83	3	2.5	2	2.33
10	Fundamentals of Human Physiology	M.A.-HS-301	3	3	2.8	2.6	2.2	2.2	3	3	2	2.8
11	Fundamentals of Clothing	M.A.-HS-302	3	3	3	1.87	2.62	3	3	2	1.75	2.12

#	Course	Code										
	Construction											
12	Planning and Designing Interior Space	M.A.-HS-303	3	3	3	2	2.75	3	3	2.5	2	2.5
13	Surface Ornamentation	M.A.-HS-304A	3	3	3	2.17	2.17	2.5	2.17	2.5	2	1.83
14	Communication Model in Extension	M.A.-HS-401	3	3	2.5	2.5	2.5	3	3	2	2	2
15	Family Meal Management	M.A.-HS-402	0.6	0.6	0.55	0.04	0.55	0.04	0.04	0.5	0.55	0.4
16	Bakery Science	M.A.-HS-403D	3	3	2.85	2.85	2.57	2.71	2.71	2.71	2	2.28
17	Childhood and Adolescence	M.A.-HS-405	3	3	2.4	3	2.2	3	3	3	2	3
18	Statistical Methods for Social Sciences	M.A.-HS-GE2	3	3	3	2.6	3	3	2.33	1.66	2	2
PO ATTAINMENT THROUGH RESULT				**2.85421**	**2.63842**	**2.43158**	**2.37632**	**2.60444**	**2.52632**	**2.30368**	**1.99105**	**2.13737**
80% OF PO ATTAINMENT THROUGH RESULTS (A)				**2.28**	**2.1**	**1.94**	**1.89**	**2.08**	**2.01**	**1.84**	**1.59**	**1.7**
ALUMNI SURVEY				3.5	3.5	3.25	3.25	3.5	3.5	3.5	3.25	4
10% OF ALUMNI SURVEY (B)				**0.35**	**0.35**	**0.32**	**0.32**	**0.35**	**0.35**	**0.35**	**0.32**	**0.4**
EMPLOYER/ PROFESSIONAL SURVEY				3.8	4	4	4.2	4.4	4	4	3.6	4.8
10% OF EMPLOYER SURVEY (C)				**0.38**	**0.4**	**0.4**	**0.42**	**0.44**	**0.4**	**0.4**	**0.36**	**0.48**
PO ATTAINMENT VALUE (A+B+C)				**3.01**	**2.85**	**2.66**	**2.63**	**2.87**	**2.76**	**2.59**	**2.27**	**2.58**
TARGET VALUE				**2.98**	**2.75**	**2.54**	**2.49**	**2.74**	**2.66**	**2.4**	**2.1**	**2.22**
GAP VALUE +				0.03	0.1	0.12	0.14	0.13	0.1	0.19	0.17	0.36