OUTCOME ANALYSIS
(MAPPING OF CO- PO AND ATTAINMENT)

SESSION 2022-2024

DEPARTMENT OF HOME SCIENCE
SWAMI VIVEKANAND SUBHARTI UNIVERSITY

PROGRAMME
M.SC. HOME SCIENCE (HUMAN DEVELOPMENT)

M.Sc. Home Science (Human Development)

Programme Objectives-

To enable students-

1. To describe the typical development of individuals from conception to late adulthood, as well as divergent development route that may occur in response to a range of bio-psychological issues.

2. To develop effective skills in counseling and provide intervention by learning to deal with personal and family issues through scientific measures like psychological tests, case study approach, research methodologies and practical sessions on family counselling and family therapy.

3. To analyze and evaluate major theoretical frameworks that explains individual development through infancy to aging in the social context of family, community, culture and larger environment.

4. To enable the understanding and develop skills to establish Entrepreneurial setups and Human Resource Development centres.

5. To understand the rights and developmental needs of special children.

Programme Outcomes

PO1.Identify how families and communities influence the process of growth and development.

PO2.Demonstrate skills in using tools/ knowledge for understanding human behaviour.

PO3.Appraise and distinguish life span/ exceptional situations to make early detection.

PO4.Act upon/ Advocate domain specific programmes and policies.

PO5.Become entrepreneurs in establishing learning centres/ institutions/ Programme coordinators.

MAPPING OF COURSE OUTCOMES

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 students 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)

SEMESTER I

RESEARCH METHODOLOGY AND ACADEMIC WRITING

M.Sc.-HS-101

Course Objectives:

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.
4. To be able to appreciate and understand importance of writing scientifically
5. To develop competence in writing and abstracting skills

Course Outcomes:

1. Students will understand the significance of statistics and research methodology in Home Science research, and how these concepts contribute to the overall research process.

2. Students will be able to identify and understand the different types, tools, and methods of research commonly used in Home Science, and will be able to select and construct appropriate data gathering instruments based on the research design.

3. Students will develop the ability to apply the appropriate statistical techniques for different measurement scales and research designs, ensuring accurate analysis and interpretation of data.

4. Students will appreciate and understand the importance of writing scientifically, including the use of clear and concise language, proper formatting, and accurate referencing.

5. Students will develop competence in writing and abstracting skills, including the ability to effectively summarize research findings, organize and present data, critically analyze information, and communicate research findings to different audiences.

CO- PO Mapping of M.Sc.-HS-101

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3

CO3	3	2	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Total	15	14	15	15	15
Average of filled	3	2.8	3	3	3

Direct Assessment

M.Sc. Home Science HS Sem I- 101

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	50	100% of students secured more than 50% of marks	66.6 % of students secured more than 50% of marks
Scored Attainment		3	2

Calculated Value for Direct Assessment-

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

University End Semester Exams-70% of 2= 70x2/ 100= 1.4

Total Direct Assessment Value= 0.9+1.4= 2.3

Overall Calculated Direct Assessment Value = 80% of = 80x2.3/ 100= 2

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

Sl. No.	Average score of course exit survey (student wise)
1	3.5
2	4
3	2.5
60.6% 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= 0.6+2=2.6

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	2.6	3	2.8	3	3	3
Attainment score		3x2.6/3=2.6	2.8x3/3=2.8	3x2.6/3=2.6	3x2.6/3=2.6	3x2.6/3=2.6
Status of Attainment		Yes	Yes	Yes	Yes	Yes

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

S. No.	Action Plan
1.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
2.	Enable learners communicate effectively and improve their standards of competence
3.	Create a stronger focus on Entrepreneurship, Creativity and Innovation
4.	Strengthen strategic oversight and focus on delivery of instructions

HISTORY AND THEORIES OF HUMAN DEVELOPMENT

M.Sc.-HD-102

Course Objectives

1. To learn about the history of the study of human development

2. To comprehend the cultural notions of children and childhood

3. To focus on Indian history and tradition in the exploration of human behaviour and development

4. To provide a framework to locate human development and childhood in an interdisciplinary context

Course outcomes:

1. Students will have a comprehensive understanding of the history of the study of human development, including key theories and milestones in the field.

2. Students will be able to comprehend and critically analyze cultural notions of children and childhood, including how these notions vary across different societies and time periods.

3. Students will gain knowledge about Indian history and tradition in relation to the exploration of human behavior and development, allowing them to understand the unique cultural context of India.

4. Students will develop the ability to locate human development and childhood within an interdisciplinary context, integrating perspectives from fields such as psychology, sociology, anthropology, and education.

CO- PO Mapping of M.Sc.-HD-102

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	1	0	2
CO2	3	2	1	1	1
CO3	3	1	1	1	1
CO4	3	1	1	1	1
Total	**12**	**6**	**4**	**3**	**5**
Average of filled	**3**	**1.5**	**1**	**1**	**1.25**

M.Sc. Home Science HD Sem I- 102

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 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 No. of Students: 03

Sl. No.	Average score of course exit survey (student wise)
1	3.5
2	3
3	3.8
80.6% 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.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5

Average CO-PO mapped value	3	3	1.5	1	1	1.25
Attainment score		3x3/3=3	1.5x3/ 3= 1.5	1X3/3=1	1X3/3=1	1.25X3/3=1.5
Status of Attainment		Yes	Yes	Yes	Yes	No

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

S. No.	Action Plan
1.	Focus on the preparation of students for competitive examination
2.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence

HUMAN PSYCHOLOGY AND METHODS OF STUDYING HUMAN DEVELOPMENT

M.Sc.-HD-103

Course Objectives:

1. To introduce students to the fundamental concepts and theories in the field of human psychology.
2. To familiarize students with the different methods and approaches used to study human development, including observation, experimentation, and surveys.
3. To enable students to critically evaluate and analyze research findings and theories in the field of human development.
4. To equip students with the knowledge and skills necessary to apply psychological principles and research to real-world situations and contexts.

Course Outcomes:

1. Students will gain a comprehensive understanding of the key concepts and theories in human psychology, including cognitive, social, and emotional development.
2. Students will learn about the various methods used to study human development, such as observation, experimentation, and surveys, and will understand their strengths and limitations.
3. Students will develop critical thinking skills and the ability to evaluate and interpret research findings in the field of human development.
4. Students will be able to apply psychological theories and research to real-world scenarios, enhancing their understanding of human behaviour and development.

CO- PO Mapping of M.Sc.-HD-103

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	1	2	2
CO2	3	3	1	2	2
CO3	3	3	1	1	1
CO4	3	3	2	1	1

Total	12	12	5	6	6
Average of filled	3	3	1.25	1.5	1.5

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1	3.5
2	3.3
3	3
90.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x2/ 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.Sc. Home Science (HD)

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	3	3	3	1.25	1.5	1.5
Attainment score		3x3/3=3	3x3/3=3	3X1.25/3= 1.25	3x1.5/3=1.5	3x1.5/3= 1.5
Status of Attainment		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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence
4.	Create a stronger focus on Entrepreneurship, Creativity and Innovation

GUIDANCE & COUNSELLING

M.Sc.-HD-104

Course Objectives

At the end of this course the participants will be able to:

1. Recognize differences among students
2. Identify educational problems of students at different stages
3. Administer and interpret different types of tests
4. Help students with learning difficulties and social/emotional problems.

Course Outcomes

1. Participants will be able to recognize and appreciate the individual differences among students, including variations in cognitive abilities, learning styles, and socio-emotional development.

2. Participants will be able to identify and understand the educational problems that students may face at different stages of development, such as academic challenges, behavioral issues, and social difficulties.

3. Participants will gain the knowledge and skills necessary to administer and interpret various types of tests and assessments, enabling them to assess students' cognitive abilities, academic progress, and socio-emotional well-being.

4. Participants will develop strategies and interventions to support students with learning difficulties and social/emotional problems, including implementing appropriate accommodations, providing individualized support, and fostering a positive and inclusive learning environment.

CO- PO Mapping of M.Sc.-HD-104

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	1
CO2	3	2	3	3	1
CO3	3	2	3	3	0

CO4	3	2	3	3	1
Total	**12**	8	**12**	**12**	3
Average of filled	**3**	2	**3**	**3**	1

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1	3.5
2	3.5
3	3.4
90.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x2/ 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.Sc. Home Science (HD)

	Calculated	

	Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value		**3**	2	**3**	**3**	**1**
Attainment score	3	**3X3/3=2**	3X2/3=2	**3X3/3=3**	**3X3/3=3**	**3X3/3= 3**
Status of Attainment		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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3	Create a stronger focus on Entrepreneurship, Creativity and Innovation
4.	Strengthen strategic oversight and focus on delivery of instructions
5.	Deliver appropriate infrastructure for learning environments

FAMILY DYNAMICS AND PARENTHOOD

M.Sc.-HD-105

Course Objectives:

1. To understand the dynamics of different types of families and the factors that influence family functioning.
2. To explore the role of parenthood and its impact on individuals, relationships, and family dynamics.
3. To examine the challenges and issues that families and parents may face, including communication problems, conflict resolution, and parenting styles.
4. To develop strategies and skills to promote healthy family dynamics, effective parenting practices, and positive parent-child relationships.

Course Outcomes:

1. Students will gain a comprehensive understanding of the dynamics of different types of families, including nuclear families, extended families, single-parent families, and blended families.
2. Students will be able to identify and analyze the factors that influence family functioning, such as cultural norms, socioeconomic status, and individual differences.
3. Students will develop an understanding of the impact of parenthood on individuals, relationships, and family dynamics, including changes in roles, responsibilities, and identity.
4. Students will acquire knowledge and skills to address common challenges and issues that families and parents may face, including effective communication strategies, conflict resolution techniques, and evidence-based parenting practices.

CO- PO Mapping of M.Sc.-HD-105

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	2
CO2	2	2	2	2	2
CO3	3	2	3	3	2
Total	**8**	6	**8**	**8**	6
Average of filled	**2.6**	2	**2.6**	**2.6**	2

Calculated Value for Direct Assessment-

 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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1	3.2
2	3.3
3	3,5
90.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x2/ 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.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	3	**2.6**	2	**2.6**	**2.6**	2
Attainment score		**2.6X3/3= 2.6**	**2X3/3=2**	**2.6x3/3=2.6**	**2.6x3/3=2.6**	**2x2/3=2**
Status of Attainment		Yes	Yes	Yes	Yes	Yes

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

S. No.	Action Plan

1.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
2.	Strengthen strategic oversight and focus on delivery of instructions
3.	Improve the learning experience

SEMESTER II

STATISTICS AND COMPUTER APPLICATION

M.Sc.-HS-201

Course Objectives:

1. To introduce students to the fundamentals of statistics and its applications in various fields.
2. To familiarize students with computer applications and software used for statistical analysis.
3. To develop students' skills in data collection, organization, analysis, and interpretation.
4. To enable students to apply statistical techniques and computer applications to solve real-world problems.

Course Outcomes:

1. Students will gain a basic understanding of statistical concepts and principles, such as probability, hypothesis testing, and data visualization.
2. Students will become proficient in using computer applications and software, such as Microsoft Excel or statistical software packages, for data analysis and interpretation.
3. Students will acquire the skills to collect, organize, and analyze data using appropriate statistical techniques, and interpret the results accurately.
4. Students will be able to apply statistical knowledge and computer applications to real-world scenarios, making informed decisions and solving problems effectively.

CO- PO Mapping of M.Sc.-HS-201

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	0	0	0
CO2	3	3	0	0	0
Total	6	6	0	0	0
Average of filled	3	3	0	0	0

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	50	66.6% of students secured more than 50% of marks	33.3 % of students secured more than 50% of marks
Scored Attainment		2	0

Calculated Value for Direct Assessment-

Sessional- 30% of 2= 30x2/100= 0.6

University End Semester Exams-70% of 0= 70x0/ 100= 00

Total Direct Assessment Value= 0.6+0= 0.6

Overall Calculated Direct Assessment Value = 80% of 0.6= 80x0.6/100= 0.4

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

Sl. No.	Average score of course exit survey (student wise)
1	3.3
2	3.1
3	3.5
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= 0.6+0.4= 1

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5

Average CO- PO mapped value		3	3	0	0	0
Attainment score	1	3x1/3=1	3x1/3=1	0x1/3=0	0x1/3=0	0x1/3=0
Status of Attainment		No	No	No	No	No

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

S. No.	
1.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
2.	Enable learners communicate effectively and improve their standards of competence
3.	Create a stronger focus on Entrepreneurship, Creativity and Innovation
4.	Strengthen strategic oversight and focus on delivery of instructions

ADVANCED STUDY IN HUMAN DEVELOPMENT-I

M.Sc.-HD-202

Course Objectives

1. To provide in-depth knowledge and understanding of advanced theories and research in human development.

2. To explore the factors that influence human development across the lifespan, including biological, cognitive, social, and cultural factors.

3. To examine the impact of environmental contexts, such as family, school, and community, on human development.

4. To develop critical thinking and research skills in the field of human development.

Course Outcomes:

1. Students will demonstrate a comprehensive understanding of advanced theories and research in human development, including the key concepts and principles.

2. Students will be able to analyze and evaluate the complex interactions between biological, cognitive, social, and cultural factors in human development.

3. Students will gain insights into the influence of various environmental contexts on human development and apply this knowledge to real-world scenarios.

4. Students will develop critical thinking and research skills, including the ability to critically analyze research studies, design and conduct their own research projects, and interpret and present research findings in a meaningful way.

CO- PO Mapping of M.Sc.-HD-202

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	1	1
CO2	3	2	3	1	1
Total	6	4	6	2	2
Average of filled	3	2	3	1	1

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .9

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

Total Direct Assessment Value= .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- 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	3.2
3.	3.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value = 2.4+.6= 3

 Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value		3	2	3	1	1
Attainment score	3	3x3/3=	3x2/3=	3x3/3=	3x1/3= 1	3x1/3= 1

		3	2	3		
Status of Attainment		YES	YES	YES	YES	YES

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

S. No.	
1.	Focus on the preparation of students for competitive examination
2.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence

SEMESTER II
CHILD AND HUMAN RIGHTS
M.Sc.-HD- 203

Course Objectives

1. To provide an understanding of the principles and frameworks of child and human rights.
2. To explore the historical and cultural contexts that has shaped the development of child and human rights.
3. To examine the challenges and violations of child and human rights across different domains, such as education, healthcare, and social justice.
4. To develop critical thinking and advocacy skills to promote and protect child and human rights.

Course Outcomes:

1. Students will gain a comprehensive understanding of the principles and frameworks of child and human rights, including the United Nations Convention on the Rights of the Child and other international human rights instruments.
2. Students will be able to analyze and evaluate the historical, cultural, and societal factors that have influenced the development of child and human rights.
3. Students will develop an awareness of the challenges and violations of child and human rights in various domains, and the implications for individuals and societies.
4. Students will acquire critical thinking and advocacy skills to actively promote and protect child and human rights, including the ability to identify and address rights violations, engage in policy advocacy, and promote social justice.

CO- PO Mapping of M.Sc.-HD- 203

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	1	1	2	2	2
CO2	3	2	1	2	2
CO3	3	2	2	2	2
CO4	3	2	3	2	2

Total	10	7	8	8	8
Average of filled	2.5	1.75	2	2	2

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .9

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

Total Direct Assessment Value= .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- 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.6
2.	4
3.	3
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value = 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value		2.5	1.75	2	2	2
Attainment score	3	2.5x3/3= 2.5	1.75x3/3= 1.75	2x3/3= 2	2x3/3= 2	2x3/3= 2
Status of Attainment		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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence
4.	Create a stronger focus on Entrepreneurship, Creativity and Innovation

SEMESTER II
CHILD STUDY TECHNIQUES
M.Sc.-HD- 204

Course Objectives:

1. To provide a comprehensive understanding of child development theories and research.
2. To explore various techniques and methods used in studying children, including observation, interviews, and assessments.
3. To develop skills in analyzing and interpreting data collected from child study techniques.
5. To apply knowledge and techniques to understand and support the development of children in real-world settings.

Course Outcomes:

1. Students will gain a deep understanding of child development theories and research findings, including the key concepts and milestones.
2. Students will become proficient in using various techniques and methods to study children, including conducting observations, interviews, and assessments.
3. Students will develop skills in analyzing and interpreting data collected from child study techniques, and effectively communicate their findings.
4. Students will be able to apply their knowledge and techniques to understand and support the development of children in real-world settings, such as educational or clinical settings.

CO- PO Mapping of M.Sc.-HD- 204

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	1	1	1
CO2	3	3	3	1	1
CO3	3	3	1	1	1
CO4	3	3	1	1	1
Total	**9**	9	**5**	**3**	3
Average of filled	**3**	3	**1.6**	**1**	1

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .9

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

Total Direct Assessment Value= .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- 03

S.No.	Average score of Course Exit Survey (student wise)
1.	3.6
2.	4
3.	3
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value = 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped	**3**	**3**	3	**1.6**	**1**	1

value						
Attainment score		3X3/3=3	3X3/3=3	3X1.6/3=1.6	3X1/3=1	3X1/3=1
Status of Attainment		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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3	Create a stronger focus on Entrepreneurship, Creativity and Innovation
4.	Strengthen strategic oversight and focus on delivery of instructions
5.	Deliver appropriate infrastructure for learning environments

HIV/AIDS COUNSELLING

M.Sc.-HD-205

Course Objectives:

1. To create awareness of the basic concepts in counselling of persons with HIV/AIDS
2. To make them understand psycho-social aspects of HIV/AIDS in relation to family and community life
3. To develop the skills for counselling for behaviour change in persons living with HIV/AIDS
4. To develop skills for home-based care and counselling for family members.

Course Outcomes:

1. Students will acquire a solid understanding of the basic concepts and principles of counseling for persons with HIV/AIDS.
2. Students will develop a comprehensive understanding of the psycho-social aspects of HIV/AIDS and its impact on family and community life.
3. Students will acquire the necessary skills to provide effective counseling for behavior change in persons living with HIV/AIDS, promoting healthy behaviors and reducing risk.
4. Students will develop skills in home-based care and counseling for family members of persons living with HIV/AIDS, providing support and fostering a supportive environment for their well-being.

CO- PO Mapping of M.Sc.-HD-305C

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	2
CO2	2	2	2	2	2
CO3	3	2	2	2	1
CO4	2	2	1	2	1
Total	10	9	8	9	6

Average	2.5	2.2	2	2.2	1.5

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .9

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

Total Direct Assessment Value= .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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	**3**	**2.5**	2.2	**2**	2.2	**1.5**
Attainment score		**2.5X3/3=2.5**	2.2X3/3=2.2	**2X3/3=2**	2.2X3/3=2.2	**1.5 X3/3=1.5**
Status of Attainment		**YES**	**YES**	**YES**	**YES**	**YES**

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

S. No.	Action Plan
1	Focus on the preparation of students for competitive examination
2.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence
4.	Improve quality, promote excellence and innovation, and increase autonomy
5.	Create a stronger focus on Entrepreneurship, Creativity and Innovation
6	Strengthen strategic oversight and focus on delivery of instructions

A- CHILD WELFARE PROGRAMMES
M.Sc.-HD-206
THEORY

Course Objectives:

1. To introduce students to the fundamental principles and theories of child welfare programs.
2. To provide students with an understanding of the policies and practices that govern child welfare services.
3. To develop students' skills in assessing and addressing the needs of children in various welfare settings.
5. To promote awareness and understanding of the importance of child rights and protection in society.

Course Outcomes:

1. Students will be able to articulate the key principles and theories that underpin child welfare programs.
2. Students will demonstrate knowledge of the policies and practices that shape child welfare services.
3. Students will be able to assess and develop appropriate interventions for children in need of welfare support.
4. Students will advocate for the rights and well-being of children and contribute to the development of effective child welfare policies and practices.

CO- PO Mapping of M.Sc.-HD-206

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	2	2	2	3	1
CO2	3	2	2	3	1
Total	**5**	**4**	**4**	**6**	**2**

Average of filled	2.5	2	2	3	1

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .9

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

Total Direct Assessment Value= .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 No. of Students: 03

S.No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	3	2.5	2	2	3	1
Attainment score		2.5x3/3=2.5	2x3/3=2	2x3/3=2	3x3/3=3	1X3/3=1
Status of Attainment		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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence
4.	Focus on delivery of instructions

SEMESTER III

Course Objectives:

1. To make the students research oriented.
2. To familiarize the students with different techniques and significance of research.
3. To help the student in identifying and solving a research problem.

Course Outcomes

1. 1.Know the practical aspects of, collecting data/ project work Evaluate, select and use appropriate strategies for reduction, analysis and presentation of data collected during research process
2. Suitably illustrate data using various graphical and other methods.
3. Prepare a dissertation document based on research process.

CO- PO Mapping of M.Sc.-HD-301

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	2
CO2	3	3	0	1	0
CO3	3	3	0	0	0
Total	9	9	2	3	2
Average	3	3	2	1.5	2

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 30x3/ 100= .9

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

Total Direct Assessment Value= .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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5

Average CO- PO mapped value	3	3	3	2	1.5	2
Attainment score		3X3/3=3	3X3/3=3	2X3/3=2	1.5 X3/3=1.5	2X3/3=2
Status of Attainment		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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence

ADVANCED STUDY IN HUMAN DEVELOPMENT-II

M.Sc.-HD-302

Course Objectives

1. To undertake an advanced study of the stages in human development with specific focus on youth, adulthood and old age
2. To understand the principles and factors influencing human development in these stage

Course Outcomes:

1. Students will gain an in-depth understanding of the stages of human development, specifically focusing on youth, adulthood, and old age.
3. Students will be able to analyse and evaluate the principles and factors that influence human development in these stages, including biological, psychological, and sociocultural factors.
4. Students will develop critical thinking skills to apply theoretical frameworks and research findings to explain and predict developmental outcomes in youth, adulthood, and old age.
5. Students will be able to apply their knowledge of human development to real-life scenarios and make informed decisions regarding the well-being and support of individuals in different stages of life

CO- PO Mapping of M.Sc.-HD-302

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	1	0	2
CO2	3	2	1	1	1
Total	6	4	2	1	3
Average of filled	3	2	1	1	1.5

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	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= 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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value		**3**	2	1	1	**1.5**
Attainment score	3	**3X3/3=3**	2X3/3=2	1X3/3=1	1X3/3=1	**1.5 X3/3=1.5**
Status of Attainment		**YES**	**YES**	**YES**	**YES**	**YES**

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

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

SPECILIZATION B - EARLY CHILDHOOD CARE AND EDUCATION

EARLY CHILDHOOD CARE AND EDUCATION

M.Sc.-HD-303B

Course Objectives:

1. To gain knowledge and insight regarding principles of early childhood care and education
2. To develop skills and techniques to plan activities in ECCE centres of different types
3. To conduct activities in early childhood care and education and to work effectively with parents and community.

Course Outcomes:

1. Students will understand the principles of early childhood care and education.
2. Students will develop planning skills for activities in different types of ECCE centers.
4. Students will gain practical experience in conducting activities in early childhood care and education settings.

CO- PO Mapping of M.Sc.-HD-303B

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	1	2	1
CO2	3	3	3	2	1
CO3	3	3	1	2	1
Total	9	9	5	6	3
Average	3	3	1.6	2	1

Direct Assessment

Total Number of Students	% of marks expected	Sessional	End Semester Exams
3	50	100% of students secured more than 50% of marks	66.6 % of students secured more than 50% of marks

Scored Attainment		3	2

Calculated Value for Direct Assessment-

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

University End Semester Exams- 70% of 2= 70x2/ 100= 1.4

Total Direct Assessment Value= 0.9+1.4=2.3

Overall Calculated Direct Assessment Value= 80% of 2.3= 80x2.3/ 100= 1.8

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	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= 1.8+0.6= 2.4

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	2.4	3	3	1.6	2	1
Attainment score		2.4X3/3=2.4	2.4X3/3=2.4	2.4X1.6/3=1.2	2.4X2/3=1.6	2.4X1/3=0.8
Status of Attainment		NO	NO	NO	NO	NO

MANAGEMENT OF PROGRAMMES FOR CHILDREN AND FAMILIES

M.Sc.-HD-304

Course Objectives-

1. To understand the purpose, scope and challenges in the management of programmes for children and families
2. To understand the various approaches to programme management
3. To offer students to work with children & families in different settings
4. To offer students the opportunity to apply & translate the theoretical knowledge into practice
5. To organise, implement & evaluate programmes for children & family
6. To critically evaluate & review programme models.

Course Outcomes: -

1. Students will gain an understanding of the purpose, scope, and challenges in the management of programs for children and families.
2. Students will explore various approaches to program management, including different models and strategies.
3. Students will have the opportunity to work with children and families in different settings, gaining practical experience and developing skills in program implementation.
5. Students will be able to apply and translate theoretical knowledge into practice, effectively implementing program management principles and strategies.
6. Students will develop the ability to organize, implement, and evaluate programs for children and families, ensuring their effectiveness and meeting the needs of the target population.
7. Students will critically evaluate and review program models, analysing their strengths, weaknesses, and potential for improvement.

CO- PO Mapping of M.Sc.-HD-304C

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	1
CO2	2	2	3	2	1
CO3	2	2	3	2	1
CO4	3	2	3	2	1
CO5	3	2	3	2	1
CO6	3	2	3	2	1
Total	16	12	18	12	6
Average	2.6	2	3	2	1

Calculated Value for Direct Assessment-

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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5

Average CO-PO mapped value	3	2.6	2	3	2	1
Attainment score		2.6X3/3=2.6	2X3/3=3	3X3/3=3	2X2/3=2	1X1/3=1
Status of Attainment		Yes	Yes	Yes	Yes	Yes

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

S. No.	
1	Focus on the preparation of students for competitive examination
2.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence
4.	Improve quality, promote excellence and innovation, and increase autonomy
5.	Create a stronger focus on Entrepreneurship, Creativity and Innovation
6	Strengthen strategic oversight and focus on delivery of instructions

PLANNING FOR PROJECT MANAGEMENT

M.Sc.-HD-305B

OBJEVTIVES

1. To understand the concepts, purpose and processes for planning and management
2. To develop the skills for planning and managing projects
3. To identify organisational goals and project objectives
4. To assess the functioning of an ongoing project

Course Outcomes:

1. Students will understand the concepts, purpose, and processes involved in planning and management.
2. Students will develop the skills necessary for effectively planning and managing projects.
3. Students will be able to identify organizational goals and define clear project objectives.
4. Students will learn how to assess the functioning of an ongoing project, identifying areas for improvement and implementing necessary changes.

CO- PO Mapping of M.Sc.-HD-305C

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	2
CO2	2	2	2	2	2
CO3	3	2	2	2	1
CO4	2	2	1	2	1
Total	10	9	8	9	6
Average	2.5	2.2	2	2.2	1.5

Calculated Value for Direct Assessment-

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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	**3**	**2.5**	2.2	**2**	2.2	**1.5**
Attainment score		**2.5X3/3=3**	2.2X3/3=2.2	**2X3/3=2**	2.2X3/3=2.2	**1.5 X3/3=1.5**
Status of Attainment		**YES**	**NO**	**YES**	**YES**	**YES**

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

S. No.	
1	Focus on the preparation of students for competitive examination
2.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence

4.	Improve quality, promote excellence and innovation, and increase autonomy
5.	Create a stronger focus on Entrepreneurship, Creativity and Innovation
6	Strengthen strategic oversight and focus on delivery of instructions

INNOVATIVE PROGRAMMES AND CURRICULUM PLANNING FOR ECE CENTERS

M.Sc.-HD-306B

Course Objectives

1. To gain preliminary understanding of the context of innovative approach to intervention.
2. To study selected ongoing innovative programmes at the international, national and regional levels.
3. To enable students to plan programmes, implement, supervise, participate, monitor and evaluate different ECCE Programmes.

Course Outcomes:

1. Students will develop a preliminary understanding of the context and importance of innovative approaches to intervention in early childhood care and education.

2. Students will study selected ongoing innovative programs at the international, national, and regional levels, gaining insights into successful models and strategies.

4. Students will acquire the skills necessary to plan, implement, supervise, participate in, monitor, and evaluate various early childhood care and education programs.

5. Students will be able to apply their knowledge and skills to design and implement effective ECCE programs, ensuring the optimal development and well-being of young children.

CO- PO Mapping of M.Sc.-HD-305C

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	2
CO2	2	2	2	2	2
CO3	3	2	2	2	1
CO4 **Total**	2 10	2 9	1 8	2 9	1 6

Average	2.5	2.2	2	2.2	1.5

Calculated Value for Direct Assessment-

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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	**3**	**2.5**	2.2	**2**	2.2	**1.5**
Attainment score		**2.5X3/3=2.5**	2.2X3/3=2.2	**2X3/3=2**	2.2X3/3=2.2	**1.5 X3/3=2.5**
Status of Attainment		**YES**	**NO**	**YES**	**YES**	**YES**

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

S.No.	
1	Focus on the preparation of students for competitive examination
2.	Increase the use of ICT in teaching, learning and assessment so that learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence
4.	Improve quality, promote excellence and innovation, and increase autonomy
5.	Create a stronger focus on Entrepreneurship, Creativity and Innovation
6	Strengthen strategic oversight and focus on delivery of instructions

SEMESTER IV

Dissertation

SEMESTER IV

(M.Sc.-HS-401)

Course objectives

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

Course Outcomes

1. To understand the concept of the field

2. To unable the students to learn the methods of assessment and plan the diet

3.To apply the theoretical concepts in laboratory setting

4. To understand the applications of nutritional sciences in clinical interventions, communication for health promotion, food service management, food science and processing

5. To acquire skills to undertake systematic research in the area of food science and nutrition

CO-PO Mapping course Outcomes of M.Sc. HS-401

Course Outcomes

	PO1	PO2	PO3	PO4	P05
CO1	2	2	2	2	0
CO2	2	2	2	0	3
CO3	2	0	1	1	2
CO4	2	0	2	0	3
CO5	2	2	2	0	3
Total	**10**	6	9	3	11
Average of filled	**2**	2	1.6	1.5	2.75

Calculated Value for Direct Assessment-

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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

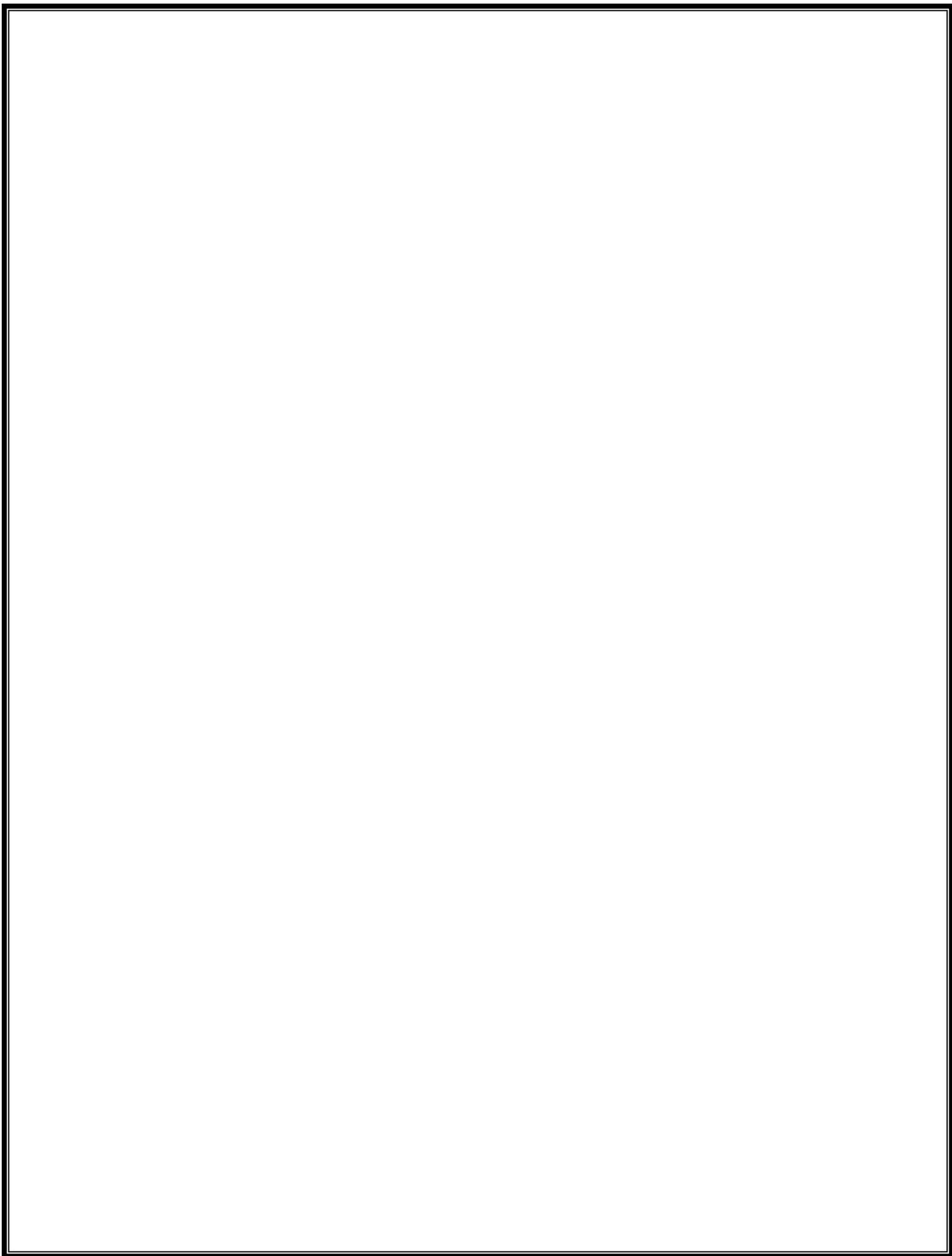**Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6**

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

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

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
M.Sc. HS 401		2	2	1.63	1.5	2.75
Attainment Score	3	2x3/3 = 2	2x3/3 = 2	1.63x3/3 = 1.63	1.5x3/3 = 1.5	2.75x3/3 = 2.75
Status of Attainment		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

OBJECTIVES

- To provide hands on experiences by placement/internship in various settings such as ECCE/Welfare/Training Centres/Institution for children with special needs/counselling centres/Hospitals
- To experience working in an Government or NGO programme of social intervention and be able to apply knowledge of Human Development principles and programme in the field setting
- To provide opportunities to understand and experience ground realities/policies/programme structure.
- To provide opportunities to work independently as Human Development personnel in an agency/programme setting.

Course Outcomes:

1. Students will gain valuable hands-on experiences through placements or internships in various settings, such as ECCE/Welfare/Training Centres/Institutions for children with special needs/counselling centres/hospitals, developing practical skills and understanding of working with diverse populations.

2. Students will have the opportunity to work in a government or NGO program of social intervention, applying their knowledge of Human Development principles and programs in a real-world field setting.

3. Students will gain a deeper understanding of ground realities, policies, and program structures related to Human Development, enhancing their ability to critically analyze and navigate complex socio-cultural contexts.

4. Students will develop the competence and confidence to work independently as Human Development professionals in an agency or program setting, applying their knowledge and skills to effectively support individuals and communities in their development.

COURSE OBJECTIVES

- To provide hands on experiences by placement/internship in various settings such as ECCE/Welfare/Training Centres/Institution for children with special needs/counselling centres/Hospitals

- To experience working in an Government or NGO programme of social intervention and be able to apply knowledge of Human Development principles and programme in the field setting

- To provide opportunities to understand and experience ground realities/policies/programme structure.

- To provide opportunities to work independently as Human Development personnel in an agency/programme setting

COURSE OOUTCOMES

1. Placement/internship provides hands on experience while working in various settings.

2.To get a Practical exposure of working with Government or NGO program.

3. To understand and experience ground realities of policies/programme structure.

4. To be able to work independently as Human Development personnel in an agency/programme setting

CO- PO Mapping of M.Sc.-HD-402

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	2
CO2	3	2	2	2	2
CO3	2	2	2	1	1
CO4	3	2	2	2	1
Total	11	9	9	8	6
Average	2.75	2.25	2.25	2	1.5

Calculated Value for Direct Assessment-

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 No. of Students: 03

S. No.	Average score of Course Exit Survey (student wise)
1.	3.5
2.	4
3.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= 20x3/ 100= .6

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+.6= 3

Matrix to Calculate the Attainment Score of M.Sc. Home Science (HD)

	Calculated Attainments	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	**3**	2.75	2.25	2.25	2	1.5
Attainment score		2.75x3/3=2.75	2.25x3/3=2.25	2.25x3/3 =2.25	2X3/3=3	1.5X3/3=1.5
Status of Attainment		**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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment
3.	Enable learners communicate effectively and improve their standards of competence

Target Value of the Program- M.Sc. Human Development (2022-2024)

S.NO.	COURSE NAME	COURSE CODE	PO1	PO2	PO3	PO4	P05
1	**Research Methodology and Academic Writing**	**M.Sc. HS- 101**	**3**	**2.8**	**3**	**3**	**3**
2	**History and theories of human development**	**M.Sc. HD- 102**	**3**	**1.5**	**1**	**1**	**1.25**
3	**Human psychology and methods of studying human development**	**M.Sc. HD- 103**	**3**	**3**	**1.25**	**1.5**	**1.5**
4	**Guidance and counselling**	**M.Sc. HD- 104**	**3**	**2**	**3**	**3**	**1**
5	**Family dynamics and parenthood**	**M.Sc. HD- 105**	**2.6**	**2**	**2.6**	**2.6**	**2**
6	**Statistics and computer application**	**M.Sc. HD- 201**	**3**	**3**	**0**	**0**	**0**
7	**Advanced study in human development I**	**M.Sc. HD- 202**	**3**	**2**	**3**	**1**	**1**
8	**Child and human rights**	**M.Sc. HD- 203**	**2.5**	**1.75**	**2**	**2**	**2**
9	**Child study techniques**	**M.Sc. HD- 204**	**3**	**3**	**1.6**	**1**	**1**
10	HIV/AIDS Counselling	**M.Sc. HD- 205**	**2.5**	**2.2**	**2**	**2.2**	**1.5**
11	Child Welfare Program	**M.Sc. HD- 206**	**2.5**	**2**	**2**	**3**	**1**
12	**Dissertation**	**M.Sc. HS- 301**	**3**	**3**	**2**	**1.5**	**2**
13	**Advanced study in human development II**	**M.Sc. HD- 302**	**3**	**3**	**1.6**	**2**	**1**
14	Early Childhood Care and Education	**M.Sc.HD-303B**	**3**	**3**	**1.6**	**2**	**1**
15	Management of Program for Children and Families	**M.Sc.HD-304B**	**2.6**	**2**	**3**	**2**	**1**
16	Planning for Project Management	**M.Sc.HD-305B**	**2.5** **2.5**	**2.2** **2.2**	**2** **2**	**2.2** **2.2**	**1.5** **1.5**

17	Innovative Programs And Curriculum Planning For ECE Centre	**M.Sc.HD-305B**					
18	**Dissertation**	**M.Sc. HD- 401**	**2**	**2**	**1.6**	**1.5**	**2.75**
19	**Internship**	**M.Sc. HD- 402**	**2.7**	**2.2**	**2.2**	**2**	**1.5**
	Average target Value		**2.7**	**2.24**	**1.97**	**1.98**	**1.44**

Program outcome and attainment value

M.Sc. Human Development 2022-24

S.NO.	COURSE NAME	COURSE CODE	Attainment Score	PO1	PO2	PO3	PO4	P05
1.	**Research Methodology and Academic Writing**	**M.Sc. HS- 101**	**2.6**	**3**	**2.8**	**3**	**3**	**3**
2.	**History and theories of human development**	**M.Sc. HD- 102**	**3**	**3**	**1.5**	**1**	**1**	**1.25**
3.	**Human psychology and methods of studying human development**	**M.Sc. HD- 103**	**3**	**3**	**3**	**1.25**	**1.5**	**1.5**
4.	**Guidance and counselling**	**M.Sc. HD- 104**	**3**	**3**	**2**	**3**	**3**	**1**
5.	**Family dynamics and parenthood**	**M.Sc. HD- 105**	**3**	**2.6**	**2**	**2.6**	**2.6**	**2**
6.	**Statistics and computer application**	**M.Sc. HD- 201**	**1**	**3**	**3**	**0**	**0**	**0**
7.	**Advanced study in human development I**	**M.Sc. HD- 202**	**3**	**3**	**2**	**3**	**1**	**1**

8.	Child and human rights	M.Sc. HD- 203	3	2.5	1.75	2	2	2
9.	Child study techniques	M.Sc. HD- 204	3	3	3	1.6	1	1
10	HIV/AIDS Counselling	M.Sc. HD- 205	3	2.5	2.2	2	2.2	1.5
11.	Child Welfare Program	M.Sc. HD- 206	3	2.5	2	2	3	1
12.	Dissertation	M.Sc. HS- 301	3	3	3	2	1.5	2
13.	Advanced study in human development II	M.Sc. HD- 302	2.4	3	3	1.6	2	1
14.	Early Childhood Care and Education	M.Sc. HD- 303B	2.4	3	3	1.6	2	1
15.	Management of Program for Children and Families	M.Sc. HD- 304B	3	2.6	2	3	2	1
16.	Planning for Project Management	M.Sc. HD- 305B	3	2.5	2.2	2	2.2	1.5
17.	Innovative Programs and Curriculum Planning for ECE Centre	M.Sc. HD- 306B	3	2.5	2.2	2	2.2	1.5
18.	Dissertation	M.Sc. HD- 401	3	2	2	1.6	1.5	2.75
19.	Internship	M.Sc. HD- 402	3	2.7	2.2	2.2	2	1.5
PO ATTAINMENT THROUGH RESULT			2.7	2.24	1.97	1.98	1.44
80% OF PO ATTAINMENT THROUGH RESULTS (A)			2.1	1.7	1.57	1.58	1.15
ALUMNI SURVEY			3.2	3	3.5	3.2	3
10% OF ALUMNI SURVEY (B)			0.32	0.3	0.35	0.23	0.3
EMPLOYER/ PROFESSIONAL SURVEY			3.8	4	4.5	4.5	3.5
10% OF EMPLOYER SURVEY (C)			0.38	0.4	0.45	0.45	0.35
PO ATTAINMENT VALUE (A+B+C)			2.8	2.4	2.37	2.26	1.8
TARGET VALUE			2.7	2.24	1.97	1.98	1.44

GAP VALUE	+0.1	+0.2	+0.8	+0.1	+0.4