

**OUTCOME ANALYSIS
(MAPPING OF CO- PO AND ATTAINMENT)
SESSION 2019-2021
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)

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

Course Outcomes

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

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

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	0
CO2	3	3	3	3	0
CO3	3	2	3	3	0
Total	9	8	9	9	0
Average of filled	3	2.6	3	3	0

Direct Assessment

M.Sc. Home Science HS Sem I- 101

Direct Assessment

Total Number of	% of marks	Sessional	End Semester Exams

Students	expected		
3	50	66.6% of students secured more than 50% of marks	66.6 % of students secured more than 50% of marks
Scored Attainment		1	1

Calculated Value for Direct Assessment-

Sessional- 30% of 1= $30 \times 1 / 100 = 0.3$

University End Semester Exams- 70% of 3= $70 \times 1 / 100 = 0.7$

Total Direct Assessment Value= $0.3 + 0.7 = 1$

Overall Calculated Direct Assessment Value = 80% of 1= $80 \times 1 / 100 = 0.8$

Indirect Assessment (Course Exit Survey on 5 scale)

M.Sc. Home Science HD-1

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
60.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = 0.6$

Overall Assessment of Attainment of Direct and Indirect Value= $0.8 + 0.6 = 1.4$

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

	Calculate d Attainment					
		PO1	PO2	PO3	PO4	PO5
Average		3	2.6	3	3	0

CO- PO mapped value	1.4				
Attainment score		$3 \times 1.4 / 3 = 1.4$	$2.6 \times 1.4 / 3 = 1.2$	$3 \times 1.4 / 3 = 1.4$	$3 \times 1.4 / 3 = 1.4$
Status of Attainment		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

SEMESTER I
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. 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

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

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	66.6 % of students secured more than 50% of marks
Scored Attainment		1	1

Calculated Value for Direct Assessment-

Sessional- 30% of $1 = 30 \times 1 / 100 = 0.3$

University End Semester Exams- 70% of $1 = 70 \times 1 / 100 = 0.7$

Total Direct Assessment Value = $0.3 + 0.7 = 1$

Overall Calculated Direct Assessment Value = 80% of $1 = 80 \times 1 / 100 = 0.8$

Indirect Assessment (Course Exit Survey on 5 scales)

M.Sc. Home Science HD-1

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
80.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of $3 = 20 \times 3 / 100 = 0.6$

Overall Assessment of Attainment of Direct and Indirect Value = $0.8 + 0.6 = 1.4$

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

	Calculated Attainment					
		PO1	PO2	PO3	PO4	PO5
Average		3	1.5	1	1	1.25

CO- PO mapped value	1.4					
Attainment score		$3 \times 1.4 / 3 = 1.4$	$1.5 \times 1.4 / 3 = 0.7$	$1 \times 1.4 / 3 = 0.46$	$1 \times 1.4 / 3 = 0.46$	$1.25 \times 1.4 / 3 = 0.58$
Status of Attainment		NO	NO	YES	YES	NO

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 I

HUMAN PSYCHOLOGY AND METHODS OF STUDYING HUMAN DEVELOPMENT

M.Sc.-HD-103

Course Objectives

1. To acquire a repertoire of skills for working with children and relevant adults in different contexts
2. To develop techniques and methods suited to different and various situations and contexts
3. To study selected standardised tests/protocols for the study including assessment of individuals, families/settings
4. To develop skills in recording fieldwork

Course Outcomes

1. To develop skills to study human behaviour in a scientific manner.
2. To develop techniques to study and apply selected standardised personality tests.
3. To know the significance and application of different psychometric test.
4. To acquire skills for dealing with different behaviour problems.

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
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3	50	100% of students secured more than 50% of marks	66.6% of students secured more than 50% of marks
Scored Attainment		3	1

Calculated Value for Direct Assessment-

Sessional- 30% of 3 = $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 1 = $70 \times 1 / 100 = 0.7$

Total Direct Assessment Value = $.9 + 0.7 = 1.6$

Overall Calculated Direct Assessment Value = 80% of 1.6 = $80 \times 1.6 / 100 = 1.28$

Indirect Assessment (Course Exit Survey on 5 scale)

S.No.	Average score of Course Exit Survey (student wise)
1	3.9
2	3.8
3	3.4
90.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3 = $20 \times 2 / 100 = 0.6$

Overall Assessment of Attainment of Direct and Indirect Value = $1.28 + 0.6 = 1.88$

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

	Calculated Attainment					
		PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	1.88	3	3	1.25	1.5	1.5
Attainment score		$1.88 \times 3 / 3 = 1.88$	$1.88 \times 3 / 3 = 1.88$	$1.88 \times 1.25 / 3 = 0.78$	1.5 $\times 1.88 / 3 =$	1.5 $\times 1.88 / 3 =$

				0.94	0.94
Status of Attainment		YES	YES	NO	
				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 I
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. Recognize differences among students
2. Identify educational problems of students at different stages
3. Administer and interpret different types of tests
4. To understand learning difficulties and social/emotional problems and do counselling

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

M.Sc. Home Science HD Sem I- 104

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	66.6 % of students secured more than 50% of marks
Scored Attainment		1	1

Calculated Value for Direct Assessment-

Sessional- 30% of 1= $30 \times 1 / 100 = 0.3$

University End Semester Exams-70% of 1= $70 \times 1 / 100 = 0.7$

Total Direct Assessment Value= $0.3 + 0.7 = 1$

Overall Calculated Direct Assessment Value = 80% of 1= $80 \times 1 / 100 = 0.8$

Indirect Assessment (Course Exit Survey on 5 scale)

M.Sc. Home Science HD-1

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
80.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment-20% of 3= $20 \times 3 / 100 = 0.6$

Overall Assessment of Attainment of Direct and Indirect Value= $0.8 + 0.6 = 1.4$

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

	Calculated	
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	Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	1.4	3	2	3	3	1
Attainment score		$3 \times 1.4 / 3 = 1.4$	$2 \times 1.4 / 3 = 0.9$	$3 \times 1.4 / 3 = 1.4$	$3 \times 1.4 / 3 = 1.4$	$1 \times 1.4 / 3 = 0.46$
Status of Attainment		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 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

SEMESTER I
FAMILY DYNAMICS AND PARENTHOOD
M.Sc.-HD-105

Course Objectives:

1. To develop a sensitivity among students regarding the significance and cohesiveness of family.
2. To make students familiar regarding the significance of family planning.
3. To make students realize the impact of broken family on the psychology of a person.

Course Outcomes

To understand the family structure and roles of the members
To understand the different stages development and problems associated to it
To understand the duties and roles of parents

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

Direct Assessment

M.Sc. Home Science HD Sem I- 105

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	66.6 % of students secured more than 50% of marks
Scored Attainment		1	1

Calculated Value for Direct Assessment-

Calculated Value for Direct Assessment-

Sessional- 30% of 1= $30 \times 1 / 100 = 0.3$

University End Semester Exams- 70% of 1= $70 \times 1 / 100 = 0.7$

Total Direct Assessment Value= $0.3 + 0.7 = 1$

Overall Calculated Direct Assessment Value = 80% of 1= $80 \times 1 / 100 = 0.8$

Indirect Assessment (Course Exit Survey on 5 scale)

M.Sc. Home Science HD-1

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
60.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = 0.6$

Overall Assessment of Attainment of Direct and Indirect Value= $0.8 + 0.6 = 1.4$

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

	Calculate	
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	d Attainment	PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	1.4	2.6	2	2.6	2.6	2
Attainment score		$2.6 \times 1.4/3 = 1.21$	$2 \times 1.4/3 = 0.93$	$2.6 \times 1.4/3 = 1.21$	$2.6 \times 1.4/3 = 1.21$	$2 \times 1.4/3 = 0.93$
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.	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:

To understand the role of statistics and computer application in research
To apply statistical techniques to research data for analysing and interpreting data meaningfully

Course Outcomes

To understand the types, tools and methods of research and develop the ability to construct data gathering instruments appropriate to the research design
To understand and apply the appropriate statistical technique for the measurement scale and design

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	100% of students secured more than 50% of marks	100 % of students secured more than 50% of marks

Scored Attainment	3	3
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Calculated Value for Direct Assessment-

Sessional- 30% of 3= $30 \times 3 / 100 = .9$

University End Semester Exams-70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= .9+2.1= 3

Overall Calculated Direct Assessment Value = 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
90.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment-20% of 3= $20 \times 3 / 100 = 0.6$

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	Action Plan for Attainment of CO-PO For the next
Average CO-PO mapped value	3	3	3	0	0	0	
Attainment score		$3 \times 3 / 3 = 3$	$3 \times 3 / 3 = 3$	$3 \times 0 / 3 = 0$	$3 \times 0 / 3 = 0$	$3 \times 3 / 3 = 0$	
Status of Attainment		YES	YES	YES	YES	YES	

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

SEMESTER II
ADVANCED STUDY IN HUMAN DEVELOPMENT-I
M.Sc.-HD-202

Course Objectives

1. To undertake an advanced study of the stages in human development with special focus on stages from prenatal development to adolescence
2. To understand the principles and factors influencing human development in these stages
3. To get familiar with the methods of new born assessment.

Course Outcomes

1. To undertake the relationship between life span and development.
2. To understand the impact of heredity and environment on development

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
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Calculated Value for Direct Assessment-

Sessional- 30% of 3 = $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 3 = $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= $.9 + 2.1 = 3$

Overall Calculated Direct Assessment Value= 80% of 3 = $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Total Students- 02

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= $20 \times 3 / 100 = .6$

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	$3 \times 3 / 3 =$ 3	$3 \times 2 / 3 =$ 2	$3 \times 3 / 3 =$ 3	$3 \times 1 / 3 =$ 1	$3 \times 1 / 3 =$ 1

Status of Attainment		YES	YES	YES	YES	YES
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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 promote and protect basic human rights.
- 2) Support the fundamental freedoms of thought and expression, including the right to hold and express opinions without fear.

Course Outcomes

1.	To understand the diversity of humanity in India
2.	To know the status of children in India and correlates of economic, social and spatial disadvantages
3.	To critically analyse the rights related to specific groups.
4.	To be able to impart the knowledge and approach families and communities to impart the knowledge .

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= $30 \times 3 / 100 = .9$

University End Semester Exams-70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= $.9 + 2.1 = 3$

Overall Calculated Direct Assessment Value = 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 02

M.Sc. Home Science HD-1

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
80.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = 0.6$

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
Attainment score	3	$2.5 \times 3 / 3 =$ 2.5	$1.75 \times 3 / 3 =$ 1.75	$2 \times 3 / 3 =$ 2	$2 \times 3 / 3 =$ 2	$2 \times 3 / 3 =$ 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 understand the applicability of various psychological tests.
- 2) To understand the assessment and scoring of psychological tests

Course Outcomes

1. To understand the applicability of various techniques of child study
2. To understand the applicability psychological tests.
3. To understand the assessment and scoring of psychological tests
4. To understand the applicability of various techniques of child study

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

M.Sc. Home Science HD Sem II- 204

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= $30 \times 3 / 100 = .9$

University End Semester Exams-- 70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= .9+2.1= 3

Overall Calculated Direct Assessment Value = 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

M.Sc. Home Science HD-1

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.9
2	3.8
3	3.4
89.9% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = 0.6$

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	1.6	1	1
Attainment score		$3 \times 3 / 3 = 3$	$3 \times 3 / 3 = 3$	$3 \times 1.6 / 3 = 1.6$	$3 \times 1 / 3 = 1$	$3 \times 1 / 3 = 1$
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	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

SEMESTER III
DISSERTATION
M.Sc.-HS-301

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. 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

M.Sc. Home Science HD Sem I- 301

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= $30 \times 3 / 100 = 0.9$

University End Semester Exams-70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= $0.9 + 2.1 = 3$

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

Sl. No.	Average score of course exit survey (student wise)
1.	3.8
2.	3.6
3.	3.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = 0.6$

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)

	Calcul	
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	ated Attain ment	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

SEMESTER III
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 stages

Course Outcomes

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 stages

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

M.Sc. Home Science HD Sem I- 302

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= $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= .9+2.1= 3

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

Sl. No.	Average score of course exit survey (student wise)
1	3.8
2	3.3
3	3.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = .6$

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

SEMESTER III
SPECIALIZATION C- SPECIAL EDUCATION
HUMAN EXCEPTIONALITY
M.Sc.-HD-303C

OBJECTIVES

1. To become aware of various impairment and the manner in which these affect the lives of individuals
2. To identify the physical and social barriers which creates difficulties for people with disabilities
3. To understand that there is a wide variation between people with disabilities and they are not a single group
4. To realise that the experiences of individuals with disabilities are related to their age, gender and also shaped by the context
5. To become aware of experience of persons with disabilities and recognise that having an impairment is only one aspect of their rights
6. To apply the understanding gained from the experiences of people with disabilities in planning services for them

Course Outcomes

1.	To become aware of various impairment and the manner in which these affect the lives of individuals
2.	To identify the physical and social barriers which creates difficulties for people with disabilities
3.	To understand that there is a wide variation between people with disabilities and they are not a single group
4.	To realise that the experiences of individuals with disabilities are related to their age, gender and also shaped by the context
5.	To become aware of experience of persons with disabilities and recognise that having an impairment is only one aspect of their rights

6. To apply the understanding gained from the experiences of people with disabilities in planning services for them

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

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	1	2	1
CO2	3	3	1	2	1
CO3	3	3	1	2	1
CO4	3	3	2	2	1
CO5	3	1	3	2	1
CO6	3	1	2	2	1
Total	18	6	17	12	6
Average	3	1	2.8	2	1

M.Sc. Home Science HD Sem I- 303

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 = $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 3 = $70 \times 3 / 100 = 2.1$

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)

Sl. No.	Average score of course exit survey (student wise)
1	3.1
2	3.5
3	3.7
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 Scoe of M.Sc. Home Science (HD)

	Calculated Attainment					
		PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	3	3	1	2.8	2	1
Attainment score		3X3/3 =3	1X3/3=1	2.8X3/3=2.8	2X3/3=2	1X3/3=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

SEMESTER III
REHABILITATION AND MANAGEMENT OF CHILDREN WITH
DEVELOPMENTAL CHALLENGES
M.Sc.-HD-304C

COURSE OBJECTIVES

1. To become aware of various impairment and the manner in which these affect the lives of individuals
2. To identify the physical and social barriers which creates difficulties for people with disabilities
3. To understand that there is a wide variation between people with disabilities and they are not a single group
4. To realise that the experiences of individuals with disabilities are related to their age, gender and also shaped by the context
5. To become aware of experience of persons with disabilities and recognise that having an impairment is only one aspect of their rights
6. To apply the understanding gained from the experiences of people with disabilities in planning services for them

Course Outcomes

1.To gain information on different impairments and illnesses that affect children
2.To be sensitive to desires and wishes of children
3.To identify and assess impairment, illnesses, disability and the child's physical and social environment
4.To plan for inclusive educational programmes for children and involving the disabled child in the process
5.To become sensitive to concerns of parents of children with disabilities and collaborate with them for children's education and development
6.To interact and relate sensitively with children with disability, accepting individual differences and enable others to do

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

Direct Assessment

M.Sc. Home Science HD Sem I- 304

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 = $30 \times 3 / 100 = .9$

University End Semester Exams= 70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= $.9 + 2.1 = 3$

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.5
2	3.8
3	3.5
93.6% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment 20% of 3= $20 \times 3 / 100 = .6$

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)

	Calculate d Attainme nt					
		PO1	PO2	PO3	PO4	PO5
Average CO- PO mapped value	3	2.6	2	3	2	1
Attainment score		$2.6 \times 3 / 3 = 2.6$	$2 \times 3 / 3 = 2$	$3 \times 3 / 3 = 3$	$2 \times 3 / 3 = 2$	$1 \times 3 / 3 = 1$

Status of Attainment	NO	YES	NO	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 III
INCLUSIVE EDUCATION
M.Sc.-HD-305C

COURSE OBJECTIVES

1. Identification and assessment of children having disabilities.
2. Providing various aids and appliances to all the deserving students with disabilities.
3. Ensure that each disabled students should have access to learning material as per their requirement.
4. Provide orientation to the educational administrators, principles and teachers in strategies to manage inclusive education.

Course Outcomes

1. To know the importance of inclusive education.
2. To know how to create an inclusive classroom.
3. To have a knowledge of Providing various aids and appliances to all the students with disabilities.
4. To have knowledge of legal and policy perspectives designed for students with disabilities.
5. 5.To become aware of Educational challenges of children with special needs and issues of their Curricular adaptations

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	66.66% of students secured more than 50% of marks

Scored Attainment	3	1
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Calculated Value for Direct Assessment-

Sessional-- 30% of 3= $30 \times 3 / 100 = .9$

University End Semester Exams =70% of 1= $70 \times 1 / 100 = 0.7$

Total Direct Assessment Value= $.9+0.7= 1.6$

Overall Calculated Direct Assessment Value = 80% of 1.6= $80 \times 1.6 / 100 = 1.28$

Indirect Assessment (Course Exit Survey on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.8
2	3.7
3	3
75% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = .6$

Overall Assessment of Attainment of Direct and Indirect Value= $1.28+.6= 1.88$

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

	Calculated					
	Attainment	PO1	PO2	PO3	PO4	PO5
Average CO-PO mapped value	1.88	2.5	2.2	2	2.2	1.5
Attainment score		$2.5 \times 1.88 / 3 = 1.56$	$2.2 \times 1.88 / 3 = 1.37$	$2 \times 1.88 / 3 = 1.25$	$2.2 \times 1.88 / 3 = 1.37$	$1.5 \times 1.88 / 3 = 0.94$
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

M.Sc. Human Development

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 enable 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

M.Sc. Home Science HD Sem IV- 401

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= $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= $2.1 + 0.9 = 3$

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

M.Sc. Home Science HDIV year- 2

Indirect Assessment (on 5 scale)

Sl. No.	Average score of course exits survey (student wise)
1	3.5
2	3.5
3	3.4
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3= $20 \times 3 / 100 = 0.6$

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

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

	Calculated Attainment	PO1	PO2	PO3	PO4	PO5
M.Sc. HS 401	3	2	2	1.63	1.5	2.75
Attainment Score		$2 \times 3/3$ = 2	$2 \times 3/3$ = 2	$1.63 \times 3/3$ = 1.63	$1.5 \times 3/3$ = 1.5	$2.75 \times 3/3$ = 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 learners are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

M.Sc.-HD-402

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

M.Sc. Home Science HD Sem IV- 402

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= $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= .9+2.1= 3

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Sl. No.	Average score of course exit survey (student wise)
1	3.8
2	3.3
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+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	2.75	2.25	2.25	2
Attainment score	3	$2.75 \times 3/3 = 2.75$	$2.25 \times 3/3 = 2.25$	$2.25 \times 3/3 = 2.25$	$2 \times 3/3 = 2$	$1.5 \times 3/3 = 1.5$
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

SEMESTER IV
SCIENTIFIC WRITING
M.Sc.-HD-403

Course Objectives

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

Course Outcomes

1. Develop an ability to write a research proposal in a scientific manner.
2. Develop an ability of writing and getting of grants.

CO- PO Mapping of M.Sc.-HD-403

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	0	0	1
CO2	3	3	0	0	1
Total	6	6	0	0	2
Average	3	3	0	0	1

Direct Assessment

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

Scored Attainment

50% of marks

3

50% of marks

3

Calculated Value for Direct Assessment-

Sessional- 30% of 3= $30 \times 3 / 100 = 0.9$

University End Semester Exams-70% of = $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= .9+2.1= 3

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

S.No.	Average score of Course Exit Survey (student wise)
1.	3.9
2.	3.5
3.	3
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = 0.6$

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	3	0	0	1
Attainment		$3 \times 3 / 3 = 3$	$3 \times 3 / 3 = 3$	$0 \times 3 / 3 = 0$	$0 \times 3 / 3 = 0$	$1 \times 3 / 3 = 1$

score					0	
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.	Strengthen strategic oversight and focus on delivery of instructions
4.	Deliver appropriate infrastructure for learning environments

SEMESTER IV
A- CHILD WELFARE PROGRAMMES
M.Sc.-HD-404

Course Objectives

- 1) To bring awareness among the masses about the significance and functioning of different child welfare programs at National and International level.
- 2). To bring awareness among the masses about the monitoring and evaluation techniques of these institutions.

Course Outcomes

1. To become aware about the existence of Government and Voluntary Organizations working for Children at National and International level.
2. To understand the monitoring and evaluation procedure of these institutions.

CO- PO Mapping of M.Sc.-HD-404

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
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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= $30 \times 3 / 100 = .9$

University End Semester Exams- 70% of 3= $70 \times 3 / 100 = 2.1$

Total Direct Assessment Value= $.9 + 2.1 = 3$

Overall Calculated Direct Assessment Value= 80% of 3= $80 \times 3 / 100 = 2.4$

Indirect Assessment (Course Exit Survey on 5 scale)

Total No. of Students: 03

S.No.	Average score of Course Exit Survey (student wise)
1.	3.9
2.	3.4
3.	3
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment- 20% of 3= $20 \times 3 / 100 = .6$

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.	
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 IV
ABNORMAL PSYCHOLOGY
M.Sc.-HD-405C

Course Objectives:

1. To familiarize students to concept, areas and approaches of psychology.
2. To sensitize students about different abnormalities in human behaviour.
3. To equip them with measures of dealing with different disorders.

Course Outcomes:

1. To help the students in the identification, measurement and diagnosis of abnormal behaviour.
2. Develop techniques of counselling people with abnormal behaviour.
3. Helps in dealing people of different abnormalities.

CO- PO Mapping of M.Sc.-HD-405C

Course Outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	2	3	3	2
Total	9	8	9	9	8
Average of filled	3	2.6	3	3	2.6

M.Sc. Home Science HD Sem IV- 405

Direct Assessment

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

Status of Attainment		YES	YES	YES	YES	YES
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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.	Focus on delivery of instructions

PROGRAMME OUTCOME AND ATTAINMENT VALUE
M.Sc. (Human Development) Batch (2019-2021)

S. No.	Course Name	Attainment	PO1	PO2	PO3	PO4	PO5
1.	Research Methodology (M.Sc. (HD) 101)	1.4	1.4	1.21	1.4	1.4	
2.	History & Theories of Human Development (M.Sc. (HD) 102)	1.4	1.4	0.7	0.46	0.46	0.58
3.	Human Psychology and Methods of Studying Human Development (M.Sc. (HD) 103)	1.88	1.88	1.88	0.78	0.94	0.94
4.	Guidance and Counselling (M.Sc. (HD) 104)	1.4	1.4	0.93	1.4	1.4	0.46
5.	Family Dynamics and Parenthood (M.Sc. (HD) 105)	1.4	1.21	0.93	1.21	1.21	0.93
6.	Statistics and Computer Application (M.Sc. (HD) 201)	3	3	3			
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.	Dissertation M.Sc. (HD) 301	3	3	3	2	1.5	2
11.	Advanced Study in Human Development II (M.Sc. (HD) 302)	3	3	2	1	1	1.5
12.	Human Exceptionality (M.Sc. (HD) 303 C)	3	3	1	2.8	2	1
13.	Rehabilitation and Management of Children with Developmental Challenges (M.Sc. (HD) 304 C)	3	2.6	2	3	2	1
14.	Inclusive Education (M.Sc. (HD) 305C)	1.88	1.56	1.37	1.25	1.37	0.94
15.	Dissertation (M.Sc. (HD) 401)	3	2	2	1.63	1.5	2.75
16.	Internship (M.Sc. (HD) 402)	3	2.75	2.25	2.25	3	1.5

17.	Scientific Writing (M.Sc. (HD) 403)	3	3	3			1
18.	Child Welfare Program (M.Sc. (HD) 404)	3	2.5	2	2	3	1
19.	Abnormal Psychology (M.Sc. (HD) 405)	3	3	2.6	3	3	2.6
	PO Attainment through Results	2.55	2.38	1.93	1.81	1.63	1.31
	80 % of PO Attainment through results (A)		1.90	1.54	1.45	1.31	1.04
	Alumni Survey		2.75	2.25	2.5	3	2.5
	10 % of Alumni Survey (B)		0.275	0.225	0.25	0.3	0.25
	Employer/ Professional Survey		1.6	2	2.3	2.6	2.3
	10 % of Employer Survey (C)		0.16	0.2	0.23	0.26	0.23
	PO Attainment Value A+B+C		2.34	1.97	1.93	1.87	1.52
	Target Value		2.80	2.28	2.19	1.95	1.47
	Gap Value		-0.46	-0.31	-0.26	-0.08	0.05

PO	GAP VALUE	STRATEGIES
PO1	-0.46	Improve quality, promote excellence and innovation and increase autonomy.
PO2	-0.31	Deliver appropriate infrastructure for learning environment and make student a part of mock field work e.g. conducting advocacy programs.
PO3	-0.26	Increase the use of AV aids in explaining the concepts of the subject matter to the students
PO4	-0.08	Enable students to communicate effectively and improve their standard of competence by encouraging students to give presentations and cross-questioning.

