OUTCOME ANALYSIS

BACHELOR OF SCIENCE

(HOME- SCIENCE)

(2021-2024)

COPO Mapping and Attainment of the Programme

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

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

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

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

PROGRAMME OBJECTIVES

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

PROGRAMME OUTCOMES

1. Deliver quality tertiary education through learning while doing and reflect universal and domain-specific values in Home Science
2. Involve, communicate, preach and practice change as a continuum and engage key stakeholders.
3. Develop the ability to address the complexities and interface among of self, societal and national priorities.
4. Generate multi-skilled leaders with a holistic perspective that cuts across disciplines.
5. Instill both generic and subject-specific skills to succeed in the employment market and hence foster genre of responsible students with a passion for lifelong learning and entrepreneurship.
6. Develop sensitivity, resourcefulness and competence to render service to families, communities, and the nation at large.
7. Promote research, innovation and design (product) development favouring all the disciplines in Home Science.
8. Enhance digital literacy and apply them to engage in real time problem solving and ideation related to all fields of Home Science.
9. Appreciate and benefit from the symbiotic relationship among the five core disciplines of Home Science – Resource Management, Food Science and Nutrition, Textiles and Clothing, Human Development and Family Studies and Extension and Communication

SEMESTER-I

SEMESTER I

Fundamentals of Human Development

B.Sc. HS 101

Course Objectives

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

Course Outcomes

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

CO-PO Mapping of **B.Sc.-HS-101**

Course Outcomes

S. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1	2	2	2	1	2
CO2	3	3	3	1	2	3	2	1	1
CO3	3	2	3	3	2	1	1	2	2
CO4	2	2	2	1	2	1	3	2	2

CO5	**3**	**3**	**3**	**2**	**2**	**3**	**2**	**2**	**3**
Total	**14**	**13**	**14**	**8**	**10**	**10**	**10**	**8**	**10**
Average of filled	**2.8**	**2.6**	**2.8**	**1.6**	**2**	**2**	**2**	**1.6**	**2**

Direct Assessment of B.Sc. HS 101

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
03	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 Student:- 03

S.No.	**Average score of Course Exit Survey (student wise)**
1.	4
2.	3.8
3.	3.8
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x 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 B.Sc. Home Science

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

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

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

SEMESTER 1

Basics of Food Science and Nutrition

B.Sc. HS 102

Course Objectives:

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

Course Outcomes

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

CO-PO Mapping of **B.Sc.-HS-102**

Course Outcomes

S. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	2	3	1	1	2
CO2	3	2	3	3	3	3	2	2	2
CO3	3	2	3	3	3	2	2	3	2
CO4	3	2	3	3	3	2	3	3	3
Total	12	9	12	11	11	10	8	9	9

Average of filled	**3**	**2.25**	**3**	**2.75**	**2.75**	**2.5**	**2**	**2.25**	**2.25**

Direct Assessment of B.Sc. HS 102

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
03	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% 3 of = 70x3/ 100= 2.1

Total Direct Assessment Value= 0.9+ 2.1 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-03

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.25
2.	3.8
3.	3.8
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 + 2.4 = 3

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

S. No.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO 6	PO 7	PO8	PO9
Average CO-PO mapped value	3	3	2.25	3	2.75	2.75	2.5	2	2.25	2.25
Attainment score		3x3/3 = 3	2.25x3/3 =2.25	3x3/3 =3	2.75x3/3 =2.75	2.75 x3/3 =2.75	2.5 x 3/3 =2.5	2x 3/3 =2	2.25 X3/3 =2.25	2.25 X3/3 =2.25
Status of attainment		yes	yes	yes	yes	yes	yes	yes	yes	yes

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

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

SEMESTER I

Introduction to Textiles

B.Sc. HS 103

Course Objectives

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

Course Outcomes

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

CO-PO mapping of B.Sc.**-HS-103**

Course Outcomes

S.No.	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	**2**	**3**	**2**	**2**	**3**	**3**	**2**	**1**	**2**
CO2	**3**	**2**	**2**	**2**	**3**	**2**	**3**	**2**	**1**
CO3	**3**	**3**	**2**	**2**	**3**	**3**	**3**	**2**	**1**
CO4	**3**	**2**	**3**	**3**	**3**	**3**	**3**	**2**	**2**
CO5	**3**	**3**	**2**	**2**	**3**	**2**	**3**	**2**	**2**
CO6	**3**	**2**	**3**	**2**	**3**	**2**	**3**	**2**	**1**
Total	**17**	**15**	**14**	**13**	**18**	**15**	**17**	**11**	**9**

Average of filled	**2.83**	**2.5**	**2.33**	**2.16**	**3**	**2.5**	**2.83**	**1.83**	**1.5**

Direct Assessment of B.Sc. HS 103

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
03	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% 3 of = 70x3/ 100= 2.1

Total Direct Assessment Value= 0.9+ 2.1 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-03

S.No.	**Average score of Course Exit Survey(student wise)**
1.	3.5
2.	5
3.	4
100 % of responses are more than 3 scale	
Level	3

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

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

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO
Average CO-PO mapped value	3	2.83	2.5	2.33	2.16	3	2.5	2.83	1.83	1.5
Attainment score		2.83x3/3 = 2.83	2.5x3/3 =2.5	2.33x3/3 =2.33	2.16x3/3 =2.16	3x3/3 =3	2.5x3/3 =2.5	2.83x3/3 =2.83	1.83x 3/3 =1.83	1.5 =1.
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Ye

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

Sl. no.	
1	Use of audio-visual aids to enhance grasping capacity
2	Include visits that give hand on knowledge to students
3	Incorporate more and more practical experience

SEMESTER-II

SEMESTER II

RESOURCE MANAGEMENT CONCEPTS AND CONTEXTS

B.SC. HS 201

Course Objectives

1. Learning to identify and manage the use of resources available for functional use
2. Comprehending the purpose of managing resources
3. Setting realistic goals and being practical and prudent in the use and management of limited resources by making intelligent decisions
4. Becoming money, time and energy conscious in daily living

Course Outcomes

1. Understanding on the concepts related to family resource management
2. Appreciation of the significance of management process in efficient use of resources
3. Imbibing nuances of human values and standards for successful management and decision making
4. Focus on management of human energy as a family resource.

CO-PO mapping of B.Sc. HS 201

Course Outcomes

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

Direct Assessment of B.Sc. HS 201

Total Number of Students	% of marks expected	Sessional	End Semester Exams
2	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% of3 = 70x 3 / 100= 2.1

Total Direct Assessment Value= 2.1+ 0.9= 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

S.No.	Average score of Course Exit Survey(student wise)
1.	4
2.	4.1
100 % of responses are more than 3 scale	
Level	3

Total Student:-2

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 B.Sc. Home Science

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

mapped value	**3**									
Attainment score		3x3/3 = 3	2.5x3/3 = 2.5	2.5x3/3 = 2.5	2.5x3/3 = 2.5	3x3/3 = 3	3x3/3 = 3	2x 3/3 =2	2x 3/3 =2	2x 3/3 =2
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

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

SEMESTER II

COMMUNICATION AND EXTENSION

B.SC. HS 202

Course Objectives

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

Course Outcomes

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

CO-PO mapping Of B.Sc. HS 202

Course Outcomes

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

Direct Assessment of B.Sc. HS 202

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 2.1+ 0.9 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

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

Calculated Value for Indirect Assessment - 20% of 3 = 20x 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 B.Sc. Home Science

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO 7	PO8	PO 9

Average CO-PO mapped value	3	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2
Attainment score		3x3/3 =3	2.75x 3/3 =2.75	2.25x 3/3 =2.25	2.75x 3/3 =2.75	2.25x 3/3 =2.25	2.25x 3/3 =2.25	2.5x 3/3 =2.5	2.75x 3/3 =2.75	2x 3/3 =2
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

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

SEMESTER II

EARLY CHILDHOOD CARE AND EDUCATION

B.SC. HS 203

Course Objectives:

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

Course Outcomes:

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

CO-PO Mapping of **B.Sc.-HS 203**

Course Outcomes

Sno.	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	3	2	3	2	2	3	3	2	2
CO2	3	3	3	3	2	2	3	2	2

CO3	3	3	3	2	3	2	3	2	3
CO4	3	3	2	2	3	3	3	2	2
CO5	3	3	3	3	3	3	3	2	3
Total	15	14	14	12	13	14	15	10	12
Average of filled	3	2.8	2.8	2.4	2.6	2.8	3	2	2.4

Direct Assessment of B.Sc. HS 203

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 2.1+ 0.9 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.5
2.	4.6
100 % of responses are more than 3 scale	
Level	3

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

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

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7		PO8	PO9
Average CO-PO mapped value	3	3	2.8	2.8	2.4	2.6	2.8	3		2	2.4
Attainment score		3x 3/3 =3	2.8x 3/3 =2.8	2.8x 3/3 =2.8	2.4x 3/3 =2.4	2.6x 3/3 =2.6	2.8x 3/3 =2.8	3x 3/3 =3		2x 3/3 =2	2.4x 3/3 =2.4
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes

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

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

SEMESTER II

STATISTICAL METHODS FOR SOCIAL SCIENCES

B. Sc HS-GE2

Course Objectives

1. To understand the role of statistics and social sciences in research
2. To apply statistical techniques to research data for analyzing and interpreting data meaningfully

Course Outcomes

1. Students have knowledge about statistics, measurement and computation of data.
2. Knowledge of organization and presentation of data
3. Acquired skills to undertake systematic research through data distribution and parametric and non-parametric tests
4. Capable of doing stats using experimental designs, regressions- predictions and computer

CO-PO mapping of B. Sc HS-GE2

Course Outcomes

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

Direct Assessment of B.Sc. HS GE2

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

2	50%	100 % of students secured more than 50% of marks	100 % of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 2.1+ 0.9 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4
2.	4.4
100 % of responses are more than 3 scale	
Level	3

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

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

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

S/No.	**Calculated attainment**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
Average CO-PO mapped value	**3**	**3**	**2**	**2**	**3**	**3**	**2**	**3**	**3**	**3**

Attainment score		**3x 3/3 =3**	**2x 3/3 =2**	**2x 3/3 =2**	**3x 3/3 = 3**	**3x 3/3 =3**	**2x 3/3 =2**	**3x 3/3 =3**	**3x 3/3 =3**	**3x 3/3 =3**
Status of attainment		**YES**	**YES**	**YES**	**YES**	**YES**	**YES**	**YES**	**YES**	**YES**

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

Sl. no.	
1	Taking students to various places to analyze them and get practical knowledge of research
2	Make students take part in data collection and analysis of data
3	Incorporate more and more practical experience

SEMESTER II

ENGLISH

(AEC-01)

Course Objectives

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

Course Outcomes

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

CO-PO mapping of AEC-01

Course Outcomes

Sno.	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	3	3	2	3	3	2	2	2	2
CO2	3	3	3	3	3	3	1	2	2
CO3	3	3	3	3	3	2	2	2	2
CO4	3	3	3	3	3	2	1	2	1

CO5	3	3	3	3	3	3	1	3	2
Total	15	15	14	15	15	12	7	11	9
Average of filled	3	3	2.8	3	3	2.4	1.4	2.2	1.8

Direct Assessment of B.Sc. HS AEC-01

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 2.1+ 0.9 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student: -2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4
2.	4.6
100 % of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of3 = 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 B.Sc. Home Science

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

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

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

SEMESTER II

ENVIRONMENTAL SCIENCE

(AEC-02)

Course Objectives

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

Course Outcomes

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

CO-PO mapping of AEC-02

Course Outcomes

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

Direct Assessment of B.Sc. HS AEC-02

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value=2.1+ 0.9 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

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

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

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

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

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

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

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

SEMESTER-III

SEMESTER III

Fundamentals of Human Physiology

(B.Sc.-HS-301)

Course Objectives:

1. Obtain an insight into the structure and functions of cells, tissues and organs in human body
2. Understand the anatomy and physiology of the various systems in the human body
3. Comprehend the functions of systems of the human body
4. Gain knowledge on Endocrine, Nervous and Reproductive System

Course Outcomes:

1. Gain the basic knowledge of human anatomy and physiology.
2. Define the main structures composing human body.
3. Explains structure and functions of cells, tissues and organs, systems of the human body
4. Relates structure and functions of tissue.
5. Provides excellent preparation for careers in the health professions and/or biomedical research.

CO-PO Mapping of **B.Sc.-HS-301**

Course Outcomes

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

Direct Assessment of B.Sc. HS 301

Total Number of Students	% of marks expected	Sessional	End Semester Exams
2	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% of3 = 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 = 80x 3/ 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	Average score of Course Exit Survey(student wise)
1.	4.5
2.	4.2
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x 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 B.Sc. Home Science

Sno.	Calculated attainment	PO 1	PO2	PO3	PO4	PO5	PO 6	PO 7	PO8	PO 9
Average CO-PO	3	3	2.8	2.6	2.2	2.2	3	3	2	2.8

mapped value										
Attainment score		3x3/3=3	2.8x3/3=2.8	2.6x3/3=2.6	2.2x3/3=2.2	2.2x3/3=2.2	3x3/3=3	3x3/3=3	2x3/3=2	2.8x3/3=3
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

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

SEMESTER III

Fundamentals of Clothing Construction

(B.Sc.-HS-302)

Course Objectives:

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

Course Outcomes

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

CO-PO Mapping of **B.Sc.-HS-302**

Course Outcomes

Sno.	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	3	3	2	3	3	3	2	2	3
CO2	3	3	2	2	3	3	3	2	2
CO3	3	3	2	3	3	3	2	2	2
CO4	3	3	2	3	3	3	2	2	2
CO5	3	3	2	3	3	3	2	2	2
CO6	3	3	2	2	3	3	2	2	2

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

Direct Assessment of B.Sc. HS 302

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 + 2.1 = 3.0

Overall Calculated Direct Assessment Value= 80% of 3.0 = 80x 3.0 / 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.62
2.	4.50
100 % of responses are more than 3 scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3.0

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value		3	3	1.87	2.62	3	3	2	1.75	2.12
Attainment score	3.0	3x 3.0/3 =3.0	3x 3.0/3 =3.0	1.87x 3.0/3 =1.87	2.62x 3.0/3 =2.62	3x 3.0/3 =3.0	3x 3.0/3 =3.0	2x 3.0/3 =2.0	1.75x 3.0/3 =1.75	2.12x 3.0/3 =2.12
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

Sl. no.	
1	Use of audio-visual aids to enhance grasping capacity
2	Include visits that give hand on knowledge to students
3	Incorporate more and more practical experience

SEMESTER III

Planning and Designing Interior Space

(B.Sc.-HS-303)

Course Objectives

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

Course Outcomes

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

CO-PO Mapping of **B.Sc.-HS-303**

Course Outcomes

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

Direct Assessment of B.Sc. HS 303

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 + 2.1 = 3.0

Overall Calculated Direct Assessment Value= 80% of 3.0 = 80x 3.0/ 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	Average score of Course Exit Survey(student wise)
1.	4.53
2.	4.39
100 % of responses are more than 3 Scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3.0

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

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

mapped value	3.0									
Attainment score		3x 3.0/3 =3.0	3x 3.0/3 =3.0	2x 3.0/3 =2.0	2.75x 3.0/3 =2.75	3x 3.0/3 =3.0	3x 3.0/3 =3.0	2.5x 3.0/3 =2.5	2x 3.0/3 =2.0	2.5x 3.0/3 =2.5
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

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

SEMESTER III

Surface Ornamentation

(B.Sc.-HS-304A)

Course Objectives

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

Course Outcomes

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

CO-PO Mapping of **B.Sc.-HS-304A**

Course Outcomes

Sno.	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	**3**	**3**	**3**	**3**	**2**	**1**	**2**	**3**	**3**
CO2	**3**	**3**	**1**	**1**	**2**	**1**	**2**	**2**	**1**
CO3	**3**	**3**	**2**	**1**	**2**	**2**	**3**	**2**	**2**
CO4	**3**	**3**	**1**	**2**	**3**	**3**	**3**	**1**	**1**
CO5	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**1**	**1**
CO6	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
Total	**18**	**18**	**13**	**13**	**15**	**13**	**15**	**12**	**11**

Average of filled	**3**	**3**	**2.17**	**2.17**	**2.5**	**2.17**	**2.5**	**2**	**1.83**

Direct Assessment of B.Sc. HS 304A

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 + 2.1 = 3.0

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.43
2.	4.66
100 % of responses are more than 3 Scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3.0

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

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

Average CO-PO mapped value	**3**	**3**	**3**	**2.17**	**2.17**	**2.5**	**2.17**	**2.5**	**2**	**1.83**
Attainment score		**3x 3/3 =3**	**3x 3/3 =3**	**2.17x 3/3 =2.17**	**2.17x 3/3 =2.17**	**2.5x 3/3 =2.5**	**2.17x 3/3 =2.17**	**2.5x 3/3 =2.5**	**2x 3/3 =2**	**1.83x 3/3 =1.83**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

Sl. no.	
1	Taking students to various places to analyze them and get practical knowledge of surface ornamental designs.
2	Make students decorate and design department rooms and places.
3	Incorporate more and more practical experience

SEMESTER-IV

SEMESTER IV

Communication Model in extension

B.Sc. HS 401

Course Objectives

1. Understand the concept and process of communication for development
2. Acquire skill in information education and communication
3. Learn the concept of diffusion and acquires skill to transfer the Innovation
4. Strengthen the knowledge of traditional and modern media in development communication

Course Outcomes

1. Explain the basic concept, nature and significance of Communication model
2. Learn the communication channel and skill
3. Analyze the media in development communication
4. Understand the adoption and diffusion process to help the extension agents to accelerate them.

CO-PO mapping of B.Sc. HS 401

Course Outcomes

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

Total	**12**	**10**	**10**	**10**	**12**	**12**	**8**	**8**	**8**
Average of filled	**3**	**2.5**	**2.5**	**2.5**	**3**	**3**	**2**	**2**	**2**

Direct Assessment of B.Sc. HS 401

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
2	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 = 70x 3 / 100= 2.1

Total Direct Assessment Value= 0.9+ 2.1= 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.53
2.	4.50
100 % of responses are more than 3 scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3.0

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO 7	PO 8	PO 9
Average CO-PO mapped value	**3**	**3**	**2.5**	**2.5**	**2.5**	**3**	**3**	**2**	**2**	**2**
Attainment score		**3x3/3 = 3**	**2.5x3/3 = 2.5**	**2.5x3/3 = 2.5**	**2.5x3/3 = 2.5**	**3x3/3 = 3**	**3x3/3 = 3**	**2x 3/3 =2**	**2x 3/3 =2**	**2x 3/3 =2**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

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

SEMESTER IV

Family Meal Management

B.Sc. HS 402

Course Objectives

1. Study the growth and development during various stages of life span
2. Understand the basics for recommending the dietary allowances
3. Study nutritional needs at different stages of life span
4. Gain experience in planning adequate diets for different age groups and for different income groups.

Course Outcomes

1. Design food plans and assess the adequacy of diets to meet the nutritional needs of humans at various stages of life cycle.
2. Assess nutrition issues and conditions and also recommend nutrition intervention and support to promote the health and wellbeing.
3. Have the knowledge, both to develop and critique nutritional interventions designed to improve human health and well-being at specific age associated time points.
4. On completion of the course students will be able to critically assess nutritional requirements and nutritional health status of an individual.

CO-PO mapping Of B.Sc. HS 402

Course Outcomes

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

Direct Assessment of B.Sc. HS 402

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 2.1+ 0.9 = 3.0

Overall Calculated Direct Assessment Value= 80% of 3.0 = 80x 3.0/ 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	Average score of Course Exit Survey(student wise)
1.	4.53
2.	4.64
100 % of responses are more than 3 scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4+ 0.6 = 3.0

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO 6	PO 7	PO 8	PO 9
Average CO-PO mapped value	3.0	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2
Attainment score		3x3.0/3 =3	2.75x 3.0/3 =2.75	2.25x3.0/3 =2.25	2.75x3.0/3 =2.25	2.25x3.0/3 =2.25	2.25 x 3.0/3 =2.25	2.5 x 3.0/3 =2.5	2.75 x 3.0/3 =2.75	2x 3.0/3 =2
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

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

SEMESTER IV

Bakery Science

B.Sc. HS 403D

Course Objectives:

1. Identify and explain baking terms, ingredients, equipment and tools.
2. Employ safe food handling practices using contemporary guidelines
3. Scale and measure ingredients.
4. Prepare yeast dough, quick breads, pies, cookies, cakes, icing, pate choux, and savory baking.
5. Produce baked products using commercial ingredients and equipment.

Course Outcomes:

1. Resize recipes to meet production needs and equipment capacities.
2. Scale, mix, mold, proof and bake yeast raised goods.
3. Prepare cookies using various common dividing and panning techniques.
4. Prepare home style crumb topped and two crust pies.
5. Prepare product finishes such as washes, glazes, icings, frostings and fillings.
6. Demonstrate proper storage techniques for all baked products.
7. To develop skills for setting up a bakery unit. And to enhance entrepreneurial skills in bakery and confectionery.

CO-PO Mapping of B.Sc. HS 403D

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	2	2	3	3	2	2

CO2	**3**	**3**	**3**	**3**	**2**	**2**	**3**	**2**	**2**
CO3	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**2**	**3**
CO4	**3**	**3**	**2**	**2**	**3**	**3**	**3**	**2**	**2**
CO5	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**3**
CO6	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**2**	**2**
CO7	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**2**	**2**
Total	**21**	**20**	**20**	**18**	**19**	**19**	**19**	**14**	**16**
Average of filled	**3**	**2.85**	**2.85**	**2.57**	**2.71**	**2.71**	**2.71**	**2**	**2.28**

Direct Assessment of B.Sc. HS 403D

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 2.1+ 0.9 =3.0

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.43
2.	4.37
100 % of responses are more than 3 scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 +0.6 = 3.0

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	3	3	2.85	2.85	2.57	2.71	2.71	2.71	2	2.28
Attainment score		3x 3/3 =3	2.85x 3/3 =2.85	2.85x 3/3 =2.85	2.57x 3/3 =2.57	2.71x 3/3 =2.71	2.71x 3/3 =2.71	2.71x 3/3 =2.71	2x 3/3 =2	2.28x 3/3 =2.28
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

S.No.	
1	Improve the learning experience
2	Incorporate more and more practical experience

SEMESTER IV

Principles of Interior Design

B.Sc. HS 407

Course Objectives

1. Gain knowledge and interpret the elements and principles of art in interior design
2. Use the elements and principles to create beautiful designs and interiors
3. Apply theoretical knowledge for practical situations
4. Decipher the nuances of Indian interior design

Course Outcomes

1. Appreciate growth and development of interior design and decoration in India
2. Enabling students distinguish between Interior decoration and Interior design
3. Analyze place of elements and principles in interior designing
4. Gain knowledge on Institutes offering Interior design as professional Courses

CO-PO Mapping of **B.Sc.-HS-407**

Course Outcomes

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

Direct Assessment of B.Sc. HS 407

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

2	50%	100% of students secured more than 50% of marks	100% of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 + 2.1= 3.0

Overall Calculated Direct Assessment Value= 80% of 3.0 = 80x 3.0/ 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.53
2.	4.53
100 % of responses are more than 3 Scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3.0

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

Sno.	**Calculated attainment**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
Average CO-PO mapped value	**3.0**	**3**	**2.75**	**2.25**	**2.5**	**2.75**	**2**	**3**	**2.75**	**2**

Attainment score		**3x 3.0/3 =3**	**2.75x 3.0/3 =2.75**	**2.25x 3.0/3 =2.25**	**2.5x 3.0/3 =2.5**	**2.75x 3.0/3 =2.75**	**2x 3.0/3 =2**	**3x 3.0/3 =3**	**2.75x 3.0/3 =2.75**	**2x 3.0/3 =2**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

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

SEMESTER IV

Basics of Research

(B.Sc. HS- GE1)

Course Objectives

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

Course Outcomes

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

CO-PO Mapping of **B.Sc.-HS-GE1**

Course Outcomes

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

CO5	**3**	**3**	**2**	**3**	**3**	**3**	**3**	**3**	**3**
CO6	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
Total	**18**	**18**	**17**	**16**	**18**	**15**	**16**	**15**	**18**
Average of filled	**3**	**3**	**2.83**	**2.67**	**3**	**2.5**	**2.67**	**2.5**	**3**

Direct Assessment of B.Sc. HS GE1

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
2	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%2 of 3= 30x 3 / 100= 0.9

University End Semester Exams- 70% of 3 = 70x 3/ 100= 0

Total Direct Assessment Value= 0.9 + 2.1= 3.0

Overall Calculated Direct Assessment Value= 80% of 3.0 = 80x 3.0 / 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-8

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.30
2.	4.30
100 % of responses are more than 3 Scale	
Level	3

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

Overall Assessment of Attainment of Direct and Indirect Value= 2.4 + 0.6 = 3.0

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**3.0**	**3**	**3**	**2.83**	**2.67**	**3**	**2.5**	**2.67**	**2.5**	**3**
Attainment score		**3x 3.0/ 3 =3.0**	**3x 3.0/ 3 =3.0**	**2.83x 3.0/3 =2.83**	**2.67x 3.0/3 =2.67**	**3x 3.0/ 3 =3.0**	**2.5x 3.0/ 3 =2.5**	**2.67x3.0 /3 =2.67**	**2.5x 3.0/ 3 =2.5**	**3x 3.0/ 3 =3.0**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

Sl. no.	
1	Taking students to various places to analyze them and get practical knowledge of research
2	Make students take part in data collection and analysis of data
3	Incorporate more and more practical experience

SEMESTER V

SEMESTER V

Participatory Program Management

(B.Sc. HS- 501)

Course Objectives

1. Understand the concept and process of program planning
2. Comprehend PRA techniques adopted in the villages to locate local resources
3. Learn the Characteristics, tools and techniques of evaluation and recording
4. Gain knowledge on project management techniques

Course Outcomes

1. Understand programme planning and related models
2. Identify the needs of the community and develop program
3. Analyze techniques of implementing a program.
4. Examine assessment of programmes and documentation.

CO-PO mapping of B.Sc HS- 501

Course Outcomes

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

Direct Assessment of B.Sc. HS-501

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

2	50%	100% of students secured more than 50% of marks	100% of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 +2.1 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.7
2.	3.6
100% of responses are more than 3 scale	
Level	3

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

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

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

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

Attainment score	**3**	**3x 3/3 =3**	**2.5x 3/3 =2.5**	**2.75x 3/3 =2.75**	**3x 3/3 =3**	**3x 3/3 = 3**	**3x 3/3 = 3**	**3x 3/3 = 3**	**2.25x 3/3 =2.25**	**2.5x 3/3 =2.5**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

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

SEMESTER V

Developmental Challenges and Children with Disability

(B.Sc. HS- 502)

Course Objectives

1. Orient the students about the need and importance of studying children with different disabilities and how needs of these children differ from others.
2. Develop an understanding and awareness of the basic terms, issues and concepts related to disability.
3. Explain students about the educational and welfare programs, facilities and services available and the efficacy of the same.
4. Develop sensitivity towards parental coping and acceptance of the situation concerning disability in the family.

Course Outcomes

1. Explain the need and importance of studying children with different disabilities.
2. Describe the causes, the characteristics, assessment and intervention of various disabilities.
3. Identify the common disabilities prevalent in childhood.
4. Demonstrate first- hand experience of interacting and understanding children with disabilities.
5. Distinguish the education patterns between children with disability and other children.
6. Describe the coping strategies adopted by parents and family while dealing with children.
7. Design academic and extra- curricular activities for children with special need

CO-PO mapping of B.Sc HS- 502

Course Outcomes

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

CO4	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO5	**3**	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**2**
CO6	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**2**
CO7	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
Total	**21**	**19**	**21**	**21**	**21**	**19**	**20**	**16**	**16**
Average of filled	**3**	**2.71**	**3**	**3**	**3**	**2.71**	**2.85**	**2.28**	**2.28**

Direct Assessment of B.Sc. HS-502

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

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 +2.1 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.7
2.	4.6
100% of responses are more than 3 scale	
Level	3

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

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

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	3	3	2.71	3	3	3	2.71	2.85	2.28	2.28
Attainment score		3x 3/3 =3	2.71x 3/3 =2.71	3x 3/3 =3	3x 3/3 =3	3x 3/3 =3	2.71x 3/3 =2.71	2.85x 3/3 =2.85	2.28x 3/3 =2.28	2.28x 3/3 =2.28
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

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

Dietetics

(B.Sc. HS- 505)

Course Objectives

1. Understand the role of dietitian and to maintain good nutritional status, correct deficiencies or disease conditions of the patients
2. Gain knowledge on the principles of diet therapy and designing or formulating different therapeutic diets for various disease conditions
3. Develop skill to plan and prepare therapeutic diets for prevention of disease conditions
4. Diet therapy may include prescribing specialized dietary regimes or meal plans. As entrepreneur

Course Outcomes

1. Integrate knowledge of research principles and methods associated with nutrition and dietetics practice.
2. Use effective and appropriate communication skills in providing information, advice and professional opinion to individuals, groups and communities.
3. Collect, organize and assess data relating to the health and nutritional status of individuals, groups and populations.
4. Demonstrate initiative and judgment using a professional, ethical and entrepreneurial approach advocating for excellence in nutrition and dietetics.
5. Independently plan and execute a research project in regard to nutrition and dietetics practice.

CO-PO mapping of B.Sc HS- 505

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	3	3	3	3	2	3
CO2	3	3	3	3	3	3	2	2	2
CO3	3	3	3	3	3	3	3	3	2
CO4	3	3	3	3	3	3	3	2	2
CO5	3	3	3	2	3	2	3	3	3
Total	15	14	15	14	15	14	14	12	12

Average of filled	**3**	**2.8**	**3**	**2.8**	**3**	**2.8**	**2.8**	**2.4**	**2.4**

Direct Assessment of B.Sc. HS-505

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
2	50%	100% of students secured more than 50% of marks	50% of students secured more than 50% of marks
Scored Attainment		3	0

Calculated Value for Direct Assessment-

Sessional- 30% of 2 = 30x 3 / 100= 0.9

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

Total Direct Assessment Value= 0.9 + 0 = 0.9

Overall Calculated Direct Assessment Value= 80% of 0.9 = 80x 0.9/ 100= 0.72

Indirect Assessment (Course Exit Survey on 5 Scales)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.6
2.	3.6
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= 0.72 +0.6 = 1.32

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

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

	attainment									
Average CO-PO mapped value	**1.32**	**3**	**2.8**	**3**	**2.8**	**3**	**2.8**	**2.8**	**2.4**	**2.4**
Attainment score		**3x 1.32/ 3 =1.32**	**2.8x 1.32/ 3 = 1.232**	**3x 1.32/ 3 =1.32**	**2.8x 1.32/ 3 = 1.232**	**3x 1.32/ 3 =1.32**	**2.8x 1.32/ 3 = 1.232**	**2.8x 1.32/ 3 = 1.232**	**2.4x 1.32/ 3 = 1.05**	**2.4x 1.32/ 3 = 1.05**
Status of attainment		**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**

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

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

PERSONALITY DEVELOPMENT

B. Sc HS GE5

Course Objectives

1. Self-Awareness, Personal Development, and Life Skills
2. Leadership and Communication
3. Social Justice and Responsibility

Course Outcomes

1. Know themselves better.
2. Identify their own potentials and accept their own limitations.
3. Consciously overcome their limitations and move towards self esteem.
4. Maximize their own potential in enabling a holistic development.

CO-PO mapping of B. Sc HS- GE5

Course Outcomes

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

Direct Assessment of B.Sc. HS-GE5

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

Scored Attainment	3	3

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 +2.1 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.8
2.	4.5
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of 3 = 20x 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 B.Sc. Home Science

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

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

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

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

SEMESTER VI

Traditional Textiles and Costumes of India

(B.Sc. HS- 601)

Course Objectives

1. Understand the Indian traditional history and its unique textile traditions
2. Develops an understanding of the classification of traditional textiles based on the process of making it.
3. Learn to differentiate traditional textiles from different parts of the country.
4. Learns the characteristic features of the traditional costumes of different states of the India.
5. Develop an understanding of the techniques of traditional embroidery

Course Outcomes

1. Acquaint with Indian Textile and Clothing culture
2. Analyze traditional textiles based on the process of making it.
3. Understand the physical, geographical, cultural influence on costumes and textiles.
4. Differentiates traditional textiles from different parts of the country.
5. Appreciates the traditional Textiles and Costumes
6. Utilize traditional costume and textiles in contemporary context.
7. Understands the techniques of traditional embroidery

CO-PO mapping of B.Sc. HS- 601

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	3	3	2	2	2	2
CO2	3	3	3	3	3	3	2	2	2
CO3	3	2	2	3	3	3	3	2	2
CO4	3	3	3	3	3	2	2	2	1
CO5	3	3	3	3	3	2	2	2	2
CO6	3	2	3	3	3	3	2	2	2
CO7	3	3	3	3	3	3	2	2	2
Total	21	19	19	21	21	18	15	14	13

Average of filled	**3**	**2.71**	**2.71**	**3**	**3**	**2.57**	**2.14**	**2**	**1.85**

Direct Assessment of B.Sc. HS-601

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
2	50%	100% of students secured more than 50% of marks	0% of students secured more than 50% of marks
Scored Attainment		3	0

Calculated Value for Direct Assessment-

Sessional- 30% of 2 = 30x 3 / 100= 0.9

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

Total Direct Assessment Value= 0.9 + 0 = 0.9

Overall Calculated Direct Assessment Value= 80% of 0.9 = 80x 0.9/ 100= 0.72

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.8
2.	4.6
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= 0.72 +0.6 = 1.32

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**1.32**	**3**	**2.71**	**2.71**	**3**	**3**	**2.57**	**2.14**	**2**	**1.85**
Attainment score		**3x 1.32/3 =1.32**	**2.71x 1.32/3 =1.19**	**2.71x 1.32/3 =1.19**	**3x 1.32/3 =1.32**	**3x 1.32/3 =1.32**	**2.57x 1.32/3 = 1.13**	**2.14x 1.32/3 =0.94**	**2x 1.32/3 = 0.88**	**1.85x 1.32/3 = 0.81**
Status of attainment		**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**

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

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

Family Finance and Consumer Behaviour

(B.Sc. HS- 602)

Course Objectives

1. Provide situations to understand significance of family income and expenditure and saving for future
2. Register and react as responsible consumers
3. Analyze relevance of consumer movement in India
4. Gain knowledge on consumer protection Laws and Acts and reflect upon personal rights and responsibilities

Course Outcomes

1. Becoming familiarized to the changing trends in consumerism
2. Enriched Knowledge on market systems
3. Emerge as informed consumers
4. Review the benefits of planned financial management

CO-PO mapping of B.Sc HS- 602

Course Outcomes

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

Direct Assessment of B.Sc. HS-602

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

2	50%	100% of students secured more than 50% of marks	100% of students secured more than 50% of marks
Scored Attainment		3	3

Calculated Value for Direct Assessment-

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

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

Total Direct Assessment Value= 0.9 +2.1 = 3

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

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4
2.	4.1
100% of responses are more than 3 scale	
Level	3

Calculated Value for Indirect Assessment - 20% of3 = 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 B.Sc. Home Science

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

Attainment score		**3x 3/3 =3**	**2.75x 3/3 =2.75**	**3x 3/3 =3**	**3x 3/3 =3**	**3x 3/3 =3**	**2.75x 3/3 =2.75**	**2.25x 3/3 = 2.25**	**2.5x 3/3 =2.5**	**2x 3/3 = 2**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

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

Food Safety Sanitation and Hygiene

(B.Sc. HS- 605)

Course Objectives

1. Learn the various aspects of food safety
2. Understand about food laws and labeling
3. Understand the need for consumer education

Course Outcomes

1. Upon completion of this course, the student will be able to Identify causes of and prevention procedures for food-borne illness, intoxication, and infection.
2. Demonstrate good personal hygiene and safe food handling procedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment, and kitchens including cleaning material, garbage, and refuse
3. Discuss Occupational Safety and Health Administration (OSHA) requirements and effective workplace safety programs

CO-PO mapping of B.Sc HS- 605

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3	3	3	2	2	2
CO2	3	3	3	3	3	3	2	2	2
CO3	3	3	3	3	3	3	2	2	2
Total	9	9	9	9	9	9	6	6	6
Average of filled	3	3	3	3	3	3	2	2	2

Direct Assessment of B.Sc. HS-605

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

2	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% of3= 70x 3 / 100= 2.1

Total Direct Assessment Value= 0.9 + 2.1 =3

Overall Calculated Direct Assessment Value= 80% of3 = 80x 3 / 100= 2.4

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.7
2.	4.6
100% of responses are more than 3 scale	
Level	3

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

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

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

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

Attainment score		**3x 3/3 =3**	**3x 3/3 =3**	**3x 3/3 =3**	**3x 3/3 =3**	**3x 3/3 =3**	**3x 3/3 =3**	**2x 3/3 =2**	**2x 3/3 =2**	**2x 3/3 =2**
Status of attainment		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

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

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

Gender, Society and Human Development

(B.Sc. HS- 609)

Learning Objectives

1. Critically understand the situation of women and men in Indian society from multiple perspectives.
2. Learn about the concepts of gender, patriarchy, equality, equity, and feminism as well as the intersection of social class and caste to determine the status of women.
3. Recognize how social institutions are patriarchal.
4. Develop sensitivity regarding the socio-cultural, economic and political factors that shape life experiences in relation to gender
5. Learn about women's human rights and laws related to women in India.
6. Learn about different gender identities and sexual orientations- masculinities, LGBTQIA in the Indian context.

Learning Outcomes

1. Describe basic concepts of gender and relevance of gender studies as an academic discipline.
2. Describe theories and concepts of gender and development.
3. Analyze human rights in terms of gender equality and gender equity.
4. Critically analyze existing laws and the legal system through a gender lens.
5. Analyze how gender is constructed in different types of media.

CO-PO mapping of B.Sc. HS- 609

Course Outcomes

Sno.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3	2	3	2	2	2
CO2	3	2	3	2	2	3	2	1	2
CO3	3	3	3	3	3	3	2	2	2

CO4	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**2**	**2**
CO5	**3**	**3**	**2**	**2**	**2**	**3**	**2**	**3**	**2**
Total	**15**	**14**	**14**	**13**	**12**	**15**	**10**	**10**	**10**
Average of filled	**3**	**2.8**	**2.8**	**2.6**	**2.4**	**3**	**2**	**2**	**2**

Direct Assessment of B.Sc. HS-609

Total Number of Students	**% of marks expected**	**Sessional**	**End Semester Exams**
2	50%	100 % of students secured more than 50% of marks	50% of students secured more than 50% of marks
Scored Attainment		3	0

Calculated Value for Direct Assessment-

Sessional- 30% of 2 = 30x 3 / 100= 0.9

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

Total Direct Assessment Value= 0.9 + 0 = 0.9

Overall Calculated Direct Assessment Value= 80% of 0.9 = 80x 0.9/ 100= 0.72

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	**Average score of Course Exit Survey(student wise)**
1.	4.8
2.	4.6
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= 0.72 +0.6 = 1.32

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	**1.32**	**3**	**2.8**	**2.8**	**2.6**	**2.4**	**3**	**2**	**2**	**2**
Attainment score		**3x 1.32/3 = 1.32**	**2.8x 1.32/3 = 1.23**	**2.8x 1.32/3 = 1.23**	**2.6x 1.32/3 =1.14**	**2.4x 1.32/3 = 1.05**	**3x 1.32/3 = 1.32**	**2x 1.32/3 =0.88**	**2x 1.32/3 =0.88**	**2x 1.32/3 =0.88**
Status of attainment		**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**

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

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

Semester VI

Human Values

(HVE -01)

Course Objectives

1. To help the students appreciate the essential complementarily between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity, which are the core aspirations of all human beings
2. To facilitate the development of a Holistic perspective among students towards life and profession as well as towards happiness and prosperity based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living in a natural way
3. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behavior and mutually enriching interaction with Nature

Course Outcomes

1. The students are able to see that verification on the basis of natural acceptance and experiential validation through living is the only way to verify right or wrong, and referring to any external source like text or instrument or any other person cannot enable them to verify with authenticity; it will only develop assumptions.
2. The students are able to see that their practice in living is not in harmony with their natural acceptance most of the time, and all they need to do is to refer to their natural acceptance to remove this disharmony.
3. The students are able to see that lack of right understanding leading to lack of relationship is the major cause of problems in their family and not the lack of physical facilities in most of the cases.
4. The students are able to differentiate between the characteristics and activities of different orders and study the mutual fulfillment among them. They are also able to see that human beings are not fulfilling to other orders today and need to take appropriate steps to ensure right participation (in terms of nurturing, protection and right utilization) in the nature.

5. The students are able to present sustainable solutions to the problems in society and nature. They are also able to see that these solutions are practicable and draw roadmaps to achieve them.

CO-PO mapping of (HVE -01)

Course Outcomes

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

Direct Assessment of (HVE -01)

Total Number of Students	% of marks expected	Sessional	End Semester Exams
2	50%	0% of students secured more than 50% of marks	100% of students secured more than 50% of marks
Scored Attainment		0	3

Calculated Value for Direct Assessment-

Sessional- 30% of 2 = 30x 0 / 100= 0

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

Total Direct Assessment Value= 0 +2.1 =2.1

Overall Calculated Direct Assessment Value= 80% of 2.1 = 80x2.1/ 100= 1.68

Indirect Assessment (Course Exit Survey on 5 Scale)

Total Student:-2

S.No.	Average score of Course Exit Survey(student wise)
1.	4.8
2.	4.7
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= 1.68+ 0.6= 2.28

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

Sno.	Calculated attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average CO-PO mapped value	2.28	2	3	3	3	3	2.6	2.2	2	2
Attainment score		2x 2.28/ 3 = 1.52	3x 2.28/ 3 =2.28	3x 2.28/ 3 =2.28	3x 2.28/ 3 =2.28	3x 2.28/ 3 =2.28	2.6x 2.28/ 3 = 1.97	2.2x 2.28/ 3 = 1.67	2x 2.28/ 3 = 1.52	2x 2.28/ 3 = 1.52
Status of attainment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

S.No.	Action Plan

1	Improve the learning experience
2	Increase the use of ICT in teaching, learning and assessment so that learns are equipped with the necessary skills to meet the challenges of a rapidly changing learning environment

	Program outcome and attainment value											
	COURSE NAME	**COURSE CODE**	**Attainment Value**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
1	**Fundamentals of Human Development**	**B.Sc. HS 101**	3	2.8	2.6	2.8	1.6	2	2	2	1.6	2
2	**Basics of Food Science and Nutrition**	**B.Sc. HS 102**	3	3	2.25	3	2.75	2.75	2.5	2	2.25	2.25
3	**Introduction to textiles**	**B.Sc. HS 103**	3	**2.83**	**2.5**	**2.33**	**2.16**	**3**	**2.5**	**2.83**	**1.83**	**1.5**
4	**Resource Management Concepts and Contexts**	**B.Sc. HS 201**	3	3	2.5	2.5	2.5	3	3	2	2	2
5	**Communication and**	**B.Sc. HS 202**	3	3	2.75	2.25	2.75	2.25	2.25	2.5	2.75	2

	Extension											
6	**Early childhood care and education**	**B.Sc. HS 203**	3	3	2.8	2.8	2.4	2.6	2.8	3	2	2.4
7	**Statistical Methods for Social Sciences**	**B.Sc. -HS-GE2**	3	**3**	**2**	**2**	**3**	**3**	**2**	**3**	**3**	**3**
8	**English**	**AEC -01**	3	**3**	**3**	**2.8**	**3**	**3**	**2.4**	**1.4**	**2.2**	**1.8**
9	**Environmental Science**	**AEC -02**	3	**3**	**2.83**	**2.66**	**2.16**	**2.83**	**3**	**2.5**	**2**	**2.33**
10	**Fundamentals of Human Physiology**	**B.Sc. -HS-301**	3	**3**	**2.8**	**2.6**	**2.2**	**2.2**	**3**	**3**	**2**	**3**
11	**Fundamentals of Clothing Construction**	**B.Sc. -HS-302**	2.28	**3**	**3**	**1.87**	**2.62**	**3**	**3**	**2**	**1.75**	**2.12**

12	**Planning and Designing Interior Space**	**B.Sc.-HS-303**	2.28	**3**	**3**	**2**	**2.75**	**3**	**3**	**2.5**	**2**	**2.5**
13	**Surface Ornamentation**	**B.Sc.-HS-304A**	3	**3**	**3**	**2.17**	**2.17**	**2.5**	**2.17**	**2.5**	**2**	**1.83**
14	**Communication Model in Extension**	**B.Sc. HS 401**	3	**3**	**2.5**	**2.5**	**2.5**	**3**	**3**	**2**	**2**	**2**
15	**Family Meal Management**	**B.Sc. HS 402**	1.32	**3**	**2.75**	**2.25**	**2.75**	**2.25**	**2,25**	**2.5**	**2.75**	**2**
16	**Bakery Science**	**B.Sc. HS 403D**	3	**3**	**2.85**	**2.85**	**2.57**	**2.71**	**2.71**	**2.71**	**2**	**2.28**
17	**Principles of Interior Design**	**B.Sc.-HS-407**	1.32	**3**	**2.75**	**2.25**	**2.5**	**2.75**	**2**	**3**	**2.75**	**2**
18	**Basics of Research**	**B.Sc. HS-GE1**	1.32	**3**	**3**	**2.83**	**2.67**	**3**	**2.5**	**2,67**	**2.5**	**3**
19	**Participatory**	**B.Sc.**	3	**3**	**2.5**	**2.75**	**3**	**3**	**3**	**3**	**2.25**	**2.5**

	Program Management	**HS-501**										
20	**Developmental challenges and children with disability**	**B.Sc. HS-502**	3	**3**	**2.71**	**3**	**3**	**3**	**2.71**	**2.85**	**2.28**	**2.28**
21	**Dietetics**	**B.Sc. HS-505**	1.32	**1.32**	**1.23**	**1.32**	**1.23**	**1.32**	**1.23**	**1.23**	**1.05**	**1.05**
22	**Personality Development**	**B.Sc. HS-GE5**	3	**2**	**3**	**3**	**3**	**3**	**3**	**2.25**	**3**	**2**
23	**Traditional Textiles and Costumes of India**	**(B.Sc. HS-601)**	1.32	**1.32**	**1.19**	**1.19**	**1.32**	**1.32**	**1.13**	**0.94**	**0.88**	**0.81**
24	**Family Finance and Consumer**	**(B.Sc. HS-602)**	3	**3**	**2.75**	**3**	**3**	**3**	**2.75**	**2.25**	**2.5**	**2**

	Behaviour											
25	**Food Safety Sanitation and Hygiene**	**(B.Sc. HS-605)**	3	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**2**	**2**
26	**Gender Society and Human Development**	**(B.Sc. HS-609)**	1.32	**1.32**	**1.23**	**1.23**	**1.14**	**1.05**	**1.32**	**0.88**	**0.88**	**0.88**
27	**Human Values**	**(HVE - 01)**	2.28	**1.52**	**2.28**	**2.28**	**2.28**	**2.28**	**1.97**	**1.67**	**1.52**	**1.52**
	PO ATTAINMENT THROUGH RESULT			**2.707778**	**2.547037**	**2.415926**	**2.445185**	**2.585556**	**2.459231**	**2.250385**	**2.064444**	**2.038889**
	80% OF PO ATTAINMENT THROUGH RESULTS (A)			**2.16**	**2.04**	**1.928**	**1.96**	**2.07**	**1.96**	**1.8**	**1.64**	**1.62**
	ALUMNI SURVEY			3.5	3.5	3.25	3.25	3.5	3.5	3.5	3.25	4
	10% OF ALUMNI SURVEY (B)			**0.35**	**0.35**	**0.32**	**0.32**	**0.35**	**0.35**	**0.35**	**0.32**	**0.4**
	EMPLOYER/ PROFESSIONAL SURVEY			3.8	4	4	4.2	4.4	4	4	3.6	4.8

	10% OF EMPLOYER SURVEY (C)	**0.38**	**0.4**	**0.4**	**0.42**	**0.44**	**0.4**	**0.4**	**0.36**	**0.48**
	PO ATTAINMENT VALUE (A+B+C)	2.89	2.79	2.64	2.7	2.86	2.71	2.55	2.32	2.5
	TARGET VALUE	**2.91**	**2.75**	**2.63**	**2.65**	**2.79**	**2.67**	**2.42**	**2.21**	**2.18**
	GAP VALUE (Positive) +	**0.02**	0.04	0.01	0.05	0.07	0.04	0.13	0.11	0.32

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

1. The gap value for all the Program outcomes is positive and hence achieved effectively, except PO1 which has marginal gap value of just 0.02.
2. Action plan to improve gap value of PO1 :
    a. Include more subjects' different domains of home science in syllabus.
    b. Make teaching more practical oriented.