

## **Programme outcomes –B.A. HOME SCIENCE [2021-22]**

### **Programme outcomes/programme specific outcomes**

#### **Programme Outcomes**

**Po1-** To give hands on training to the students so that they are placed in different public, private, government and non-governmental organisations and contribute towards the development of the state and the nation.

**Po2-** To acquire and impart professional and entrepreneurial skills for economic empowerment of student in particular and community in general.

**Po3-** Students should be able to apply their skills and knowledge in various fields of applied sciences.

**Po4-** Completion of the programme will enable students to be able to think in a critical manner and develop problem solving skills

**Po5-** The program has been framed in such a manner that students receive real feel of quality education by touching all aspects of human lifecycle.

**Po6 -** Designed to enhance the capacity of students to understand universal and domain-specific values in Home Science.

#### **Programme Specific Outcomes**

**PS01-** To provide understanding and appreciate role of Home Science, in the development and well-being of individuals, families and communities.

**PS02-** To deliver knowledge about the sciences and technologies which will enhance the quality of life of the people.

**PS03-** To develop professional skills in the fields of Food and Nutrition, Clothing and Textiles, Housing and Interior Decoration, Human Development, Extension Education and Communication.

**PS04-** To prepare young students for higher studies, research and extension work.

**PSO5-** To take technologies in the field of Home Science from laboratory to the people and from field/people to laboratories and institutions.

## Course Outcomes

<b>BA 1 Semester, Paper 1- Fundamental Concepts of Family Resource Management</b>		
Programme certificate Class- BA	<b>Year- FIRST</b>	<b>Semester – FIRST</b>
Subject – Home science		
Course code- <b>H001</b>	Course title - <b>Fundamental Concepts of Family Resource Management</b>	Theory
Course outcomes		
<b>Co1</b> -The course outcome is to give foundation knowledge for the students to understand Meaning, Scope, Philosophy and Role of Home Management in Family Living. <b>Co2</b> - By the time students complete the course they will have wide ranging application of subject and have the knowledge of decision making in the family living <b>Co3</b> -The main objective of the course is to equip the students with concept of various family resources and their management for achieving goals in life.		

<b>BA 1 Semester , Paper 2- Housing and Interior Decoration</b>		
Programme certificate Class- BA	<b>Year- FIRST</b>	<b>Semester – FIRST</b>
Subject – Home science		
Course code- <b>H002</b>	Course title - <b>Housing and Interior Decoration</b>	Theory
Course outcomes		

Co1-The course outcome is to give foundation knowledge for the students to understand fundamental concepts and underlying principles of planning a house.

Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of housing construction and interior decoration.

Co3-The main objective of the course is to equip the students with concept of application of principles of arts and design in interior decoration and background areas in the Home and their treatment.

<b>BA 1 Semester, Practical -1</b>		
Programme certificate Class- BA	Year- <b>FIRST</b>	Semester – <b>FIRST</b>
Subject – Home science		
Course code- <b>H003</b>	Course title – <b>Practical based on course H001 and H002</b>	Practical
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand concepts and underlying principles of home planning symbols and making house plans.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of house construction items and interior decoration knowledge.</p>		

<b>BA 2 Semester, Paper 1- Introduction to Textile Science</b>		
Programme certificate Class- BA	Year- <b>First</b>	Semester – <b>Second</b>
Subject – Home science		
Course code- <b>H004</b>	Course title - <b>Introduction to Textile Science</b>	Theory

Course outcomes
Co1-The course outcome is to give foundation knowledge for the students to understand fundamental concepts of textile and textile fabrics.
Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of textile and fabric science.
Co3-The main objective of the course is to equip the students with concept of application textile science, fabric and yarn classification and laundering of textiles.

<b>BA 2 Semester , Paper 2- Fabric Formation and Finishes</b>		
Programme certificate Class- BA	<b>Year- First</b>	<b>Semester – Second</b>
Subject – Home science		
Course code- H005	Course title - <b>Fabric Formation and Finishes</b>	Theory
Course outcomes		
Co1-The course outcome is to give foundation knowledge for the students to understand fundamental concepts of fabric formation and fabric finishes.		
Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of design techniques on finished fabrics.		
Co3-The main objective of the course is to equip the students with concept of fabric dyeing techniques, finishes and fabric formation techniques.		

<b>BA 2 Semester , Practical -2</b>		
Programme certificate Class- BA	<b>Year- First</b>	<b>Semester – Second</b>
Subject – Home science		

Course code- H006	Course title - <b>Practical based on course H004 and H005</b>	Practical
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand fundamental concepts of fibres and yarns identifying techniques.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of dyeing techniques and stain removal methods.</p> <p>Co3-The main objective of the course is to equip the students with concept of fabric dyeing techniques and identification test techniques.</p>		

<b>BA 3 Semester Paper 1- Fundamentals of Foods and Nutrition</b>		
Programme certificate Class- BA	<b>Year- SECOND</b>	<b>Semester – THIRD</b>
Subject – Home science		
Course code- <b>H007</b>	Course title - <b>Fundamentals of Foods and Nutrition</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand fundamental concepts of foods and nutrition.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of various nutrients their Sources, Functions, Requirements, Absorption Metabolism and related deficiency diseases.</p> <p>Co3-The main objective of the course is to equip the students with concept of food and nutrients role in healthy living and concepts of food adulterations.</p>		

<b>BA 3 Semester Paper 2- Food Preservation</b>		
Programme certificate Class- BA	<b>Year- SECOND</b>	<b>Semester – THIRD</b>
Subject – Home science		
Course code- <b>H008</b>	Course title - <b>Food Preservation</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand fundamental concepts of cooking and its principles.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of various food preservation techniques.</p> <p>Co3-The main objective of the course is to equip the students with concept of food processing and preservation concepts.</p>		

<b>BA 3 Semester Practical -3</b>		
Programme certificate Class- BA	<b>Year- SECOND</b>	<b>Semester – THIRD</b>
Subject – Home science		
Course code- <b>H009</b>	Course title - <b>Practical based on H008</b>	Practical
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand concepts and use of modern kitchen appliances and equipments.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of various food preservation recipes using locally available food products.</p> <p>Co3-The main objective of the course is to equip the students with concept of food processing and preservation techniques.</p>		

<b>BA 4 Semester Paper 1- Mother Craft and Child Care</b>		
Programme certificate Class- BA	<b>Year- SECOND</b>	<b>Semester – Fourth</b>
Subject – Home science		
Course code- <b>H010</b>	Course title - <b>Mother Craft and Child Care</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand biological and physiological feature of women for motherhood.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of pregnancy and prenatal care.</p> <p>Co3-The main objective of the course is to equip the students with concept of prenatal development, pregnancy and infancy requirements.</p>		

<b>BA 4 Semester, Paper 2- Introduction to Clothing Construction</b>		
Programme certificate Class- BA	<b>Year- SECOND</b>	<b>Semester –FOURTH</b>
Subject – Home science		
Course code- <b>H011</b>	Course title - <b>Introduction to Clothing Construction</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand basics of clothing construction.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of sewing machine and its parts and knowledge of clothing requirements for different age groups.</p>		

<b>BA 4 Semester, Practical IV</b>		
Programme certificate Class- BA	<b>Year- SECOND</b>	<b>Semester – FOURTH</b>
Subject – Home science		
Course code- <b>H012</b>	Course title - <b>Practical based on H011</b>	Practical
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand concepts of clothing stitching and embroidery techniques.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of various hand and machine stitches, embroidery designs and mending techniques.</p> <p>Co3-The main objective of the course is to equip the students with concept of clothing construction techniques.</p>		

<b>BA 5 Semester, Paper 1- Human Development</b>		
Programme certificate Class- BA	<b>Year- THIRD</b>	<b>Semester –FIFTH</b>
Subject – Home science		
Course code- <b>H013</b>	Course title - <b>Human Development</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand different stages of family life cycle.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of various characteristics and attributes of puberty, elementary school age, adulthood and old age.</p> <p>Co3-The main objective of the course is to equip the students with concepts of lifespan development.</p>		



<b>BA 5 Semester, Paper 2- Family Welfare and Community Education</b>		
Programme certificate Class- BA	<b>Year- THIRD</b>	<b>Semester –FIFTH</b>
Subject – Home science		
Course code- <b>H014</b>	Course title - <b>Family Welfare and Community Education</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand the concepts of child and family welfare.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of various family and child welfare services working at national and international level and rural extension services.</p>		

<b>BA 5 Semester, Practical V</b>		
Programme certificate Class- BA	<b>Year- THIRD</b>	<b>Semester – FIFTH</b>
Subject – Home science		
Course code- <b>H015</b>	Course title - <b>Practical based on H013and H014</b>	Practical
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand concepts of survey of the community and learning general characteristics about community, community need assessment and available child and family welfare and development programmes.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts of Survey of the community and preparation of report.</p>		

<b>BA 6 Semester Paper 1- Nutritional Management in Health and Disease</b>		
Programme certificate Class- BA	<b>Year- THIRD</b>	<b>Semester – SIXTH</b>
Subject – Home science		
Course code- <b>H016</b>	Course title - <b>Nutritional Management in Health and Disease</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand concepts of nutritional management in health and disease.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of various nutritional conditions and disease states and ways to manage them by diet and lifestyle changes.</p> <p>.</p>		

<b>BA 6 Semester Paper 2- Fundamental Concepts of Extension Education</b>		
Programme certificate Class- BA	<b>Year- THIRD</b>	<b>Semester – SIXTH</b>
Subject – Home science		
Course code- <b>H017</b>	Course title - <b>Fundamental Concepts of Extension Education</b>	Theory
Course outcomes		
<p>Co1-The course outcome is to give foundation knowledge for the students to understand concepts of extension education.</p> <p>Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of various principles of extension education, concept of communication and home science extension system.</p> <p>.</p>		

<b>BA 6 Semester, Practical VI</b>		
Programme certificate Class- BA	<b>Year- THIRD</b>	<b>Semester – SIXTH</b>
Subject – Home science		
Course code- <b>H018</b>	Course title - <b>Practical based on H016 and H017</b>	Practical
Course outcomes		
Co1-The course outcome is to give foundation knowledge for the students to understand concepts of diet planning using exchange list.		
Co2- By the time students complete the course they will have wide ranging application of subject and have the knowledge of concepts nutritional management in health and diseases.		

### **Programme outcomes –B.A. HOME SCIENCE [2022-23]- NEP**

<b>Programme outcomes/programme specific outcomes</b>
<b>Programme Outcomes</b>
<p><b>Po1-</b> The program has been framed in such a manner that students receive real feel of quality education by touching all aspects of human lifecycle.</p> <p><b>Po2-</b> Designed to enhance the capacity of students to understand universal and domain-specific values in Home Science.</p> <p><b>Po3-</b> Develop the ability to address the complexities and interface among of self, social and national priorities.</p> <p><b>Po4-</b> Inculcate both generic and subject-specific skills to succeed in the employment market and standards of life.</p> <p><b>Po5-</b> Promote research and innovation and design (product) development favouring all the disciplines in Home Science.</p>
<b>Programme Specific Outcomes</b>
<p><b>PS01-</b> At the end of the program following outcomes are expected from students:</p> <p>Learn about the discipline of Home Science as a holistic field of study covering multiple facets and requirements of human beings in day living, for example,</p>

achievement of appropriate milestones in personal development: awareness, need and use of family resources: access to adequate nutrition for wholesome development; clothing fundamentals. May have capabilities to start earning by enhancing their skills in the field of Nutrition and Textiles.

**PS02-** To deliver knowledge about the sciences and technologies which will enhance the quality of life of the people.

**PS03-** To develop professional skills in the fields of Food and Nutrition, Clothing and Textiles, Housing and Interior Decoration, Human Development, Extension Education and Communication.

**PS04-** To prepare young students for higher studies, research and extension work.

**PS05-** To take technologies in the field of Home Science from laboratory to the people and from field/people to laboratories and institutions.

### Course Outcomes

<b>BA 1 Semester, Paper 1- Core/Minor- Fundamentals of Nutrition and Human Development</b>					
Programme certificate Class- BA	<b>Year- FIRST</b>	<b>Semester FIRST</b>	–	<b>Theory</b>	<b>Credit- 4</b>
Subject – Home science					
Course code- <b>HSC/UG001</b>	Course title - <b>Core/Minor- Fundamentals of Nutrition and Human Development</b>				
	Theory				
<b>Course outcomes</b>					
The student at the completion of the course will be able to:					
<input type="checkbox"/> Prepare the students to understand physiology based courses. <input type="checkbox"/> Students will get familiar with different methods of cooking. <input type="checkbox"/> Acquaint students with practical knowledge of nutrient rich foods.					

- Explain the need and importance of studying human growth and development across life span.
- Identify the biological and environmental factors affecting human development.
- Learn about the characteristics, needs and developmental tasks of infancy & early childhood years

**BA 1 Semester - Core/Minor- Cooking Skills and Healthy Recipe Development**

Programme certificate Class- BA	Year- <b>FIRST</b>	Semester – <b>FIRST</b>	<b>Practical</b>	<b>Credit-2</b>
Subject – Home science				
Course code- <b>HSC/UG002</b>	Course title - <b>Cooking Skills and Healthy Recipe Development</b>			
Course outcomes				
Co1- Students will get familiar with different methods of cooking. Co2- Acquaint students with practical knowledge of nutrient rich foods.				

**BA 1 Semester- Vocational Minor  
Fundamentals of Nutrition and Cooking Skills with Healthy Recipe Development**

Programme certificate Class- BA	Year- <b>FIRST</b>	Semester – <b>FIRST</b>	<b>THEORY + PRACTICAL</b>	<b>Credit-3</b>
Subject – Home science				
Course code- <b>HSC/UGVM015</b>	Course title – Vocational Minor <b>Fundamentals of Nutrition and Cooking Skills with Healthy Recipe Development</b>			
Course outcomes				

- Prepare the students to understand physiology based courses
- Students will get familiar with different methods of cooking.
- Acquaint students with practical knowledge of nutrient rich foods.
- Explain the need and importance of studying human growth and development across life span.
- Identify the biological and environmental factors affecting human development.
- Learn about the characteristics, needs and developmental tasks of infancy & early childhood years.

<b>BA 2 Semester- Core/Minor</b>				
<b>Introduction to Clothing and Textile and Family Resource Management</b>				
<b>Programme certificate</b>	<b>Year- First</b>	<b>Semester– Second</b>	<b>Theory</b>	<b>Credit-4</b>
Class- BA				
Subject – Home science				
<b>Course code- HSC/UG003</b>	<b>Course title - Introduction to Clothing and Textile and Family Resource Management</b>			
<b>Course outcomes</b>				
<ul style="list-style-type: none"> <li>- Learn about scope of textile and clothing.</li> <li><input type="checkbox"/> Understanding why fabrics are different.</li> <li><input type="checkbox"/> Learn how fabrics can be manufactured.</li> <li><input type="checkbox"/> Understand basic clothing concepts and garment making.</li> <li><input type="checkbox"/> Learn the family resource management as a whole.</li> <li><input type="checkbox"/> Understand the Decision making and use of resources throughout the Family life cycle.</li> <li><input type="checkbox"/> Gain knowledge about Time, Money &amp;Energy as a Resource.</li> <li><input type="checkbox"/> Appreciate Household Equipments for work simplification.</li> </ul>				

<b>BA 2 Semester- Core/Minor Clothing &amp; Textiles (Practical)</b>				
Programme certificate Class- BA	<b>Year- First</b>	<b>Semester – Second</b>	<b>Practical</b>	<b>2</b>
Subject – Home science				
Course code- <b>HSC/UG004</b>	<b>Course title - Clothing &amp; Textiles (Practical)</b>			
<b>Course outcomes</b>				
- Ability to identify fibers and fabrics. <input type="checkbox"/> Understanding why fabrics are different. <input type="checkbox"/> Learning basic sewing skills. <input type="checkbox"/> Learn how garments are stitched.				

<b>BA 2 Semester –Vocational Minor Introduction to Clothing and Textile</b>				
Programme certificate	<b>Year- First</b>	<b>Semester Second</b>	<b>– THEORY + PRACTICAL</b>	<b>Credit-3</b>
Subject – Home science				
Course code- <b>HSC/UGVM016</b>	<b>Course title - Vocational Minor Introduction to Clothing and Textile</b>			
<b>Course outcomes</b>				
- Learn about scope of textile and clothing.  <input type="checkbox"/> Understanding why fabrics are different. <input type="checkbox"/> Learn how fabrics can be manufactured. <input type="checkbox"/> Understand basic clothing concepts and garment making. <input type="checkbox"/> Learn the family resource management as a whole. <input type="checkbox"/> Understand the Decision making and use of resources throughout the Family life cycle. <input type="checkbox"/> Gain knowledge about Time, Money &Energy as a Resource. <input type="checkbox"/> Appreciate Household Equipments for work simplification.				