

FACULTY OF SCIENCES SYLLABUS
Of
Bachelor of Science (Home Science)
(Semester: I to VI)
(Under Continuous Evaluation Grading System)
Session: 2022-23



The Heritage Institution
KANYA MAHAVIDYALAYA
JALANDHAR
(Autonomous)

PROGRAMME SPECIFIC OUTCOMES FOR Bachelor of Science (Home Science)
(Session 2022-2023)

Upon successful completion of this Programme, students will be able to:

PSO (1) - To develop holistic understanding about various fields of Home Science including Family Resource Management, Foods and Nutrition, Human Development and Family Relations, Clothing and Textiles

PSO (2) - To understand the fundamentals of house planning, kitchens, laws and terminology used in building of house, kitchen equipments and their applications.

PSO (3) - To develop understanding about developmental stages from infancy to old age and insight into different areas of human development including physical, motor, cognitive, social and emotional development.

PSO (4) - To gain knowledge about different diseases, therapeutic nutrition, food preservation and safety, role of dietician in feeding of patients.

PSO (5) - To develop deep understanding of conversion of textiles fibres into fabric undergoing various spinning, weaving, and finishing techniques.

PSO (6) – To demonstrate skill in using various surface ornamentation techniques as such as dyeing , printing and embroidery as well as garment design and construction.

PSO (7) – To develop Capacity to serve as dietician , child and family counselors, designers, food therapies, and in many more community services.

PSO (8) – To make the students capable of oral and written communication.

Session-2022-23

BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIOTECHNOLOGY)

Semester I

Punjabi (Compulsory)

Course Code-BJML/BFDL/BHSL/BCAL/BITL/BBTL-1421

COURSE OUTCOMES

CO1:ਆਤਮ ਅਨਾਤਮ' ਪੁਸਤਕ ਦੇ ਕਵਿਤਾ ਭਾਗ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋ+ਕ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਆਧੁਨਿਕ ਦੌਰ ਵਿਚ ਚੱਲ ਰਹੀਆਂ ਕਾਵਿ ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਿਲ ਕਰ ਸਕਣ।

CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।

CO3:ਗੱਦ ਪ੍ਰਵਾਹ (ਰੇਖਾ ਚਿਤ੍ਰ ਤੇ ਹਲਕੇ ਲੇਖ) ਪੁਸਤਕ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਮੁੱਲਵਾਨ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO4:ਪੈਰ੍ਹਾ ਰਚਨਾ ਅਤੇ ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਦੇਣ ਦਾ ਮਨਰੋਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।

CO5:ਧੁਨੀ ਵਿਉਂਤ ਪੜ੍ਹਣ ਨਾਲ ਵਿਦਿਆਰਥੀ ਧੁਨੀਆਂ ਦੀ ਉਚਾਰਨ ਪ੍ਰਣਾਲੀ ਤੋਂ ਵਾਕਫ ਹੋਣਗੇ।

Session 2022-23

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION/BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIO-TECHNOLOGY)/ BACHELOR OF SCIENCE (HONOURS)MATHEMATICS/ BACHELOR OF ARTS (HONOURS) ENGLISH/BACHELOR OF COMMERCE (HONOURS) BACHELOR OF SCIENCE (HONOURS) PHYSICSSEMESTER-I

BASIC PUNJABI

In lieu of Punjabi(Compulsory)

COURSE CODE -BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL/BJML/BFDL/
BHSL/BCAL/BITL/BBTL/BOML/BOEL/BCOL/BOPL-1031

Course outcomes

CO1:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਵਿਚ ਪਾ ਕੇ ਇਕ ਹੋਰ ਭਾਸ਼ਾ ਸਿੱਖਣ ਦਾ ਮੌਕਾ ਪ੍ਰਦਾਨ ਕਰਨਾ ਹੈ।

CO2:ਇਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੂੰ ਬਾਰੀਕਬੀਨੀ ਨਾਲ ਭਾਸ਼ਾ ਦਾ ਅਧਿਐਨ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO3:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸ਼ਬਦ ਰਚਨਾ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO4:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਬਾਰੇ ਦੱਸਣਾ ਹੈ।

CO5:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਸ਼ਬਦ ਘੇਰਾ ਵਿਸ਼ਾਲ ਕਰਨਾ ਹੈ।

CO6:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਵਿਚ ਹਫਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਂ, ਬਾਰਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਂ, ਰੁੱਤਾਂ ਦੇ ਨਾਂ, ਇਕ ਤੋਂ ਸੌ ਤੱਕ ਗਿਣਤੀ ਸ਼ਬਦਾਂ ਵਿਚ ਸਿਖਾਉਣਾ ਹੈ।

Bachelor of Arts/ Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science(Honours) Maths/ Bachelor of Science (Honours) Physics/Bachelor of Science (Computer Science) / Bachelor of Science (Economics) / Bachelor of Commerce / Bachelor of Business Administration/ Bachelor of Arts (Journalism & Mass Communication) / Bachelor of .Science (Fashion Design) / Bachelor of Science (Home Science) //Bachelor of Computer Application /Bachelor of Science(Information Technology)/ Bachelor of Science (Bio Technology) / Bachelor of Arts (Honours.)English

(Semester-I)

Session

2022-23

**Course Title: Punjab History and Culture (From Earliest Times to C 320)
(Special paper in lieu of Punjabi Compulsory)
(For those students who are not domicile of Punjab)**

Course Code: BARL-1431/ BSML-1431/ BSNL-1431/ BOML-1431/ BOPL-1431/

BCSL- 1431/ BECL-1431/ BCRL-1431/ BBRL-1431/ BJML-1431/ BFDL-1431/

BHSL-1431/ BCAL-1431/ BITL-1431 / BBTL-1431/BOEL-1431

COURSE OUTCOMES

After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

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BACHELOR OF VOCATION (RETAIL MANAGEMENT) / BACHELOR OF VOCATION (MANAGEMENT & SECRETARIAL PRACTICES)/ BACHELOR OF VOCATION (ANIMATION)/ BACHELOR OF VOCATION (TEXTILE DESIGN & APPAREL TECHNOLOGY)/ BACHELOR OF VOCATION (NUTRITION EXERCISE & HEALTH)/ BACHELOR OF VOCATION (BEAUTY AND WELLNESS)/ BACHELOR OF VOCATION (PHOTOGRAPHY & JOURNALISM) /BACHELOR OF VOCATION (ARTIFICIAL INTELLIGENCE AND DATA SCIENCE)/ BACHELOR OF VOCATION (HOSPITALITY AND TOURISM)
(Semester I)

Session 2022-23

COMMUNICATION SKILLS IN ENGLISH

(Theory)

Course Code: BJML/BFDL/BHSL/BCAL/BITL/

BBTL/BACL/BOML/BOPL/BVRL/BVML/BVAL/BVTL/BVNL/BVBL/BVPL/ BVAI/BVHL-1102

COURSE OUTCOMES

At the end of this course, the students will develop the following Skills:

CO 1: Reading skills that will facilitate them to become an efficient reader

CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well

CO 3: The power to analyse, interpret and infer the ideas in the text

CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking

CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English

CO 6: Ability to plan, organize and present ideas coherently on a given topic

CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Bachelor of Science (Home Science) (Semester – I)
(Session 2022-2023)
INTRODUCTION TO HUMAN DEVELOPMENT
(Theory)
COURSE CODE: BHSL-1283

COURSE OUTCOMES

Upon Completion of this Course the student should be able to

CO (1) – To develop knowledge about the history and scope of human development.

CO (2) – To gain understanding about the principles of development.

CO (3) – To understand the factors affecting growth and development, learning and maturation.

CO (4) – To understand the importance of fertilization.

CO (5) – To gain knowledge about the symptoms, care and complication of pregnancy.

CO (6) – To identify the factors affecting prenatal development.

CO (7) - To gain knowledge about the care of new born.

Bachelor of Science (Home Science) (Semester – I)
(Session 2022-2023)
Hygiene
COURSE CODE: BHSL-1284
(Theory)

COURSE OUTCOMES

Co (1) – To develop the knowledge about health hygiene, personal hygiene and immunity with its type.

CO (2) – To understand the knowledge about disease caused by Typhoid, Jaundice, Cholera, Diarrhoea, Measles and mumps.

CO (3) – To understand the knowledge about disease caused by vectors malaria, dengue, modes of spread, incubation periods with its symptoms and prevention.

CO (4) – To develop the knowledge about disease caused by sexual contact HIV-AIDS and Eczema.

Bachelor of Science (Home Science) (Semester – I)
(Session 2022-2023)
BASIC FOOD & NUTRITION
COURSE CODE: BHSM-1285
(Theory)

COURSE OUTCOMES

CO (1) – To develop the knowledge about introduction to nutrition and storage methods of cereals, pulses, eggs, poultry, vegetables and fruit.

CO (2) – To distinguish between the different types of cooking methods- dry heat, moist heat, frying and microwave cooking.

CO (3) – To understand the knowledge about classification, functions and food sources, requirement, deficiencies of carbohydrates.

CO (4) – To develop the knowledge about classification. Food sources, functions and deficiencies of proteins, fats and oils.

CO (5) – To understand the knowledge about energy, food as a source of energy, the body need of energy.

Bachelor of Science (Home Science) (Semester – I)
(Session 2022-2023)
BASIC FOOD & NUTRITION
COURSE CODE: BHSM-1285
(Practical)

COURSE OUTCOMES

Co (1) – To identify the different food stuff, weight and measures and cooking.

CO (2) – To distinguish between different types of cooking methods.

CO (3) – To develop the knowledge about cleaning of kitchen equipments, utensils, floor and cupboard.

Bachelor of Science (Home Science) (Semester – I)
(Session 2022-2023)
APPLIED ART
(Theory)

COURSE CODE: BHSM-1286

COURSE OUTCOMES

CO (1) - To understand the importance of art, its tools and techniques.

CO (2) - To gain knowledge about the types of elements of art- line, form, texture.

CO (3) – To understand the characteristics of colours.

CO (4) – To gain knowledge about the principles of design.

CO (5) - To identify the objectives of art, beauty, functionalism and expressiveness.

CO (6) – To gain knowledge about the materials used for Rangoli.

Bachelor of Science (Home Science) (Semester – I)
(Session 2022-2023)
APPLIED ART
COURSE CODE: BHSM-1286
(Practical)

COURSE OUTCOMES

CO (1) - To enable them to draw rangoli designs for different occasions – Diwali, Exhibition Hall, Child’s birthday.

CO (2) – To gain knowledge about different colour schemes and use them in design.

CO (3) – To enable them to make articles of fabric painting, glass painting, greeting card.

Bachelor of Science (Home Science) Semester-I

Session 2022 - 23

Course Code: BHSM - 1127

COMPUTER BASICS

(Theory)

Course Outcomes:

After passing this course the students will be able to:

CO1: Identify and manage software, hardware and graphical user interface of a computer system.

CO2: Comprehend basic word processing skills such as text input formatting, editing, cut, copy, paste, spell check, margin, tab controls, keyboard shortcuts, printing, charts etc.

CO3: Apply skills to make effective presentations using associated application software.

CO4: Operate an email account.

Bachelor of Science (Home Science) (Semester – I)

(Session 2022-2023)

Semester 1

DRUG ABUSE (THEORY)

COURSE CODE: AECD-1161

COURSE OUTCOMES:

- CO1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
- CO2. How to be supportive during the detoxification and rehabilitation process.
- CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
- CO4. Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

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(Semester II)

Session 2022-23

COMMUNICATION SKILLS IN ENGLISH

Course Code: BJMM/BFDM/BHSM/BCAM/BITM/

**BBTM/BACM/BOMM/BOPM/BVRM/BVMM/BVAM/BVTM/BVNM/BVBM/BVPM/
BVAI/BVHM-2102**

COURSE OUTCOMES

At the end of this course, the students will develop the following skills:

- CO 1:** Enhancement of listening skills with the help of listening exercises based on conversation, news and TV reports
- CO 2:** Improvement of speaking skills enabling them to converse in a specific situation
- CO 3:** Acquisition of knowledge of phonetics which will help them in learning about correct pronunciation as well as effective speaking
- CO 4:** The capability to present themselves well in a job interview
- CO 5:** The ability of Note-Taking to be able to distinguish the main points from the supporting details and the irrelevant information from the relevant one
- CO 6:** Speaking skills of the students enabling them to take active part in group discussion and present their own ideas
- CO 7:** The capability of narrating events and incidents in a logical sequence

Bachelor of Science (Home Science) (Semester – II)
(Session 2022-2023)
FAMILY AND SOCIAL WELFARE

COURSE CODE: BHSL-2283
(Theory)

COURSE OUTCOMES

Upon completion of this course the students will be able to

CO (1) - To develop awareness about family and social welfare

CO (2) - To develop understanding about meaning and types of adjustments. Problems in adjustments and to overcome them.

CO (3) – To recognize the needs and importance of family plan

CO (5) - TO distinguish between the various types of parenting techniques.

CO (6) - To understand the role of family in socialization

CO (7)- To develop knowledge of family and child welfare programme.

Bachelor of Science (Home Science) (Semester – II)
(Session 2022-23)
ELEMENTARY PHYSIOLOGY

COURSE CODE: BHSL-2284
(Theory)

COURSE OUTCOMES

CO (1) – To develop h knowledge of human cell, their functions and different organs like skin, tissues.

CO (2) – To develop the elementary knowledge of functions of cardiovascular system.

CO (3) – To develop the elementary knowledge of structure and functions of urinary system.

CO (4) – TO understand the elementary Knowledge of structure and functions of maleand female reproductive organs.

CO (5) – To develop the elementary knowledge of location and functions of endocrine glands and structure and functioning of brain.

Bachelor of Science (Home Science) (Semester – II)
(Session 2022-23)
INTRODUCTION TO FAMILY RESOURCE MANAGEMENT
COURSE CODE: BHSM-2285
(Theory)

COURSE OUTCOMES

CO (1) - To know about Resources and there types and to understand how to manage these resources in our daily life.

CO (2) - Understands the basic steps in decision making process and how to resolve the conflicts in family.

CO (3) - The students will be Capable of managing any resource with its process and to know the role of communication in effective management.

CO (4) - Understand the basic management of specific resource and work simplification.

Bachelor of Science (Home Science) (Semester – II)
(Session 2022-23)
INTRODUCTION TO FAMILY RESOURCE MANAGEMENT
COURSE CODE: BHSM – 2285
(Practical)

COURSE OUTCOMES

CO (1) – At the end of this course the student will be able to make budget or process chart or time plans.

CO (2) – This course gives an overview of various table setting.

CO (3) - Understand the use of waste materials to make a utility article.

Bachelor of Science (Home Science) (Semester – II)
(Session 2022-23)
ADVANCED FOOD & NUTRITION
COURSE CODE: BHSM-2286
(Theory)

COURSE OUTCOMES

CO (1):- To develop the knowledge to classify different functions and requirements of fat soluble vitamin and water soluble vitamin.

CO (2):- To identify the bio-availability, requirement and deficiency of different vitamins.

CO (3):- To develop the knowledge of food preservation, food spoilage and principle of food preservation.

CO (4):- To develop the knowledge of food adulteration and standards, toxic effects of food adulteration.

CO (5):- To develop the knowledge of food hygiene in purchasing, preparation, cooking and serving of food.

Bachelor of Science (Home Science) (Semester – II)
(Session 2022-23)
ADVANCED FOOD & NUTRITION
COURSE CODE: BHSM-2286

(Practical)

COURSE OUTCOMES OF

CO1:- To develop knowledge about different nutrients.

CO2:- To develop knowledge about therapeutic diets.

CO3:- To enhance the cooking skills with absorbing more nutrients.

CO4:- To develop knowledge about different food groups.

BACHELOR OF SCIENCE (HOME SCIENCE) SEMESTER II
(Session 2022-23)

COURSE CODE: BHSM - 2127
COMPUTER APPLICATIONS FOR HOME SCIENTISTS

Course Outcomes:

After passing this course the students will able to:

CO1: Apply features of spreadsheet software for data manipulation, data entry, worksheet formatting, functions and formulae.

CO2: Comprehend the basics of E-Commerce and World Wide Web.

CO3: Comprehend about different electronic payment methods and multimedia devices.

CO4: Create and manage YouTube channel and blog.

**Bachelor of Science (Home Science) Semester-II
(Session 2022-23)**

**DRUG ABUSE
(THEORY)**

COURSE CODE: AECD-2161

COURSE OUTCOMES:

- **CO1:** This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
- **CO2:** How to be supportive during the detoxification and rehabilitation process.
- **CO3:** Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
- **CO4:** Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
DEVELOPMENTAL STAGES UPTO CHILDHOOD
(Theory)
COURSE CODE: BHSL- 3281

COURSE OUTCOMES

CO (1): To Understand developmental tasks from infancy to childhood

CO (2): To understand developmental stages from infancy to childhood

CO (3): To get insight into the different areas of development across the life span i.e. physical, motor, cognitive, language, social & emotional.

CO (4): To discuss the factors affecting development till childhood.

CO (5): To get insight into the concept of early childhood care and education.

Bachelor of Science (Home Science) Semester: III
Session 2022-23
Course Code: BHSL-3172
BASIC CONCEPTS OF ECONOMICS

COURSE OUTCOMES:

After passing this course students will be able to:

CO1: To understand some basic economic concepts

CO2: To understand the basic concepts of banking & different saving schemes

CO3: To give guidance regarding credit facilities.

CO4: To understand basic structure of markets in the economy.

Bachelor of Science Home Science
Session: 2022-23
COURSE TITLE: BASIC CHEMISTRY
COURSE CODE: BHSL-3084

COURSE OUTCOMES:

Students will be able to:

CO1: understand various formulae and symbols used in chemistry.

CO1: understand the atomic structure.

CO2: acquire knowledge about various atomic models.

CO3: understand the concept of normality, molarity, molality and strength of solution.

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
HOUSING
(Theory)
COURSE CODE: BHSM- 3285

COURSE OUTCOMES

CO (1): To Understand house related concept.

CO (2): To discuss the selection and principles of house planning.

CO (3): To get insight into the building material used in construction of house.

CO (4): To discuss different housing financing agencies.

CO (5): To get insight into the concept of building by laws used for house construction and terminologies used in house construction

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
HOUSING
(Practical)
COURSE CODE: BHSM- 3285

COURSE OUTCOMES:

CO 1: To introduce house planning: symbols and terms.

CO 2: To draw different types of floor plans.

CO 3: To draw different type of house plans according to principles of planning.

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
MEAL MANAGEMENT
(Theory)
COURSE CODE: BHSM- 3286

COURSE OUTCOMES:-

- CO (1): To understand the concept of recommended dietary allowances, food groups, exchange list and balanced diet.
- CO (2): To discuss principal of meal planning and nutritional requirements of men and women with different conditions
- CO (3): To get the insight of the concept growth and development of preschooler, school going children and adolescent boys and girls.
- CO (4): To understand the nutritional requirement during infancy.

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
MEAL MANAGEMENT
(Practical)
COURSE CODE: BHSM- 3286

COURSE OUTCOMES:

CO (1): To understand the concept of Standardize Proportion Size.

CO (2): To discuss meal planning and nutritional requirements of men and women with different conditions

CO (3): To get the insight of the concept growth and development of preschooler, school going children and adolescent boys and girls.

CO (4): To understand the nutritional requirement during infancy with their Calculations.

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
TEXTILE SCIENCE
(Theory)
COURSE CODE: BHSM- 3287

COURSE OUTCOMES:-

CO (1). To get the concept of textile fibres and their classification and their properties.

CO (2). To discuss about origin, production and properties of different fibres.

CO (3). To get the insight of concept yarn and its classification.

CO (4). To understand different fabric construction techniques and their method.

CO (5) .To discuss different bleaches, finishes, dyeing and printing.

CO (6).To get the insight of concept laundering and care of textile fabrics.

Bachelor of Science (Home Science) (Semester-III)
(Session 2022-2023)
TEXTILE SCIENCE
(Practical)
COURSE CODE: BHSM- 3287

COURSE OUTCOMES

CO 1: To make the students familiar with Fiber Identification art- Physical, burning, and microscopic test.

CO 2 : To experiment with surface ornamentation techniques such as tie & dye , Block , screen and Stencil Printing

CO 3: To learn basic stain removal techniques used in daily life.

CO 4: To learn about informative labels on garments.

Bachelor of Science (Home Science) (Semester-IV)
Session: 2022-23
DEVELOPMENTAL STAGES TILL OLD AGE
(Theory)
COURSE CODE: BHSL-4281

COURSE OUTCOMES

CO (1): To understand developmental stages till old age.

CO (2): To discuss the factors affecting development till old age.

CO (3): To get insight into developmental task of different stage.

CO (4): To understand the roles of society and parents in developmental stages.

Bachelor of Science (Home Science) (Semester.-IV)
SESSION 2022-23
COURSE CODE: BHSL-4172
CONSUMER ECONOMICS

COURSE OUTCOMES:

After studying this course, students will be able:

CO1: To train the students about their rights and responsibilities as consumer

CO2: To aware the students about consumer protection right.

CO3: To impart knowledge about consumer buying, grading and standardization, advertising media role and effect.

Bachelor of Science (Home Science) (Semester-IV)
Session: 2022-23
KITCHEN DESIGN & ITS EQUIPMENT
(Theory)
COURSE CODE: BHSM-4283

COURSE OUTCOMES:

- CO (1). To understand about different type of kitchen, kitchen geometry and efficient kitchen planning.
- CO (2). To discuss about selection and efficient use of different equipment, selection and care of household equipment.
- CO (3). To understand the characteristics and care of different material example iron, steel, tin, copper etc
- CO (4). To understand different finishes of household equipments.

Bachelor of Science (Home Science) (Semester-IV)

Session: 2022-23

KITCHEN DESIGN & ITS EQUIPMENT

(Practical)

COURSE CODE: BISM-4283

COURSE OUTCOMES:

CO 1: To draw different type of kitchens with colour scheme.

CO 2: To study the method and material used for cleaning of different utensils.

CO 3: To study the method and material used for cleaning of electrical equipments used in home.

Bachelor of Science (Home Science) (Semester-IV)
Session: 2022-23
QUANTITY FOOD PRODUCTION & SERVICE
(Theory)
COURSE CODE: BHSM-4284

COURSE OUTCOME:

CO (1). To understand about different food services.

CO (2). To get the concept of menu planning and importance of personal hygiene of food handlers.

CO (3). To discuss about food management, food purchasing and preparation of different foods.

CO (4). To understand the effective use of leftover food, food production system and effect of cooking method on nutritional quality of food.

Bachelor of Science (Home Science) (Semester-IV)
Session: 2022-23
QUANTITY FOOD PRODUCTION & SERVICE
(Practical)
COURSE CODE: BHSM-4284

COURSE OUTCOMES:

CO 1: To prepare them for event management.

CO 2: To give hands on training for commercial cooking

CO 3: To make them clear about the nutritive calculations of various recipes.

Bachelor of Science (Home Science) (Semester-IV)
Session: 2022-23
TRADITIONAL EMBROIDERIES, TEXTILES AND COSTUMES OF INDIA
(Theory)
COURSE CODE: BHSM-4285

COURSE OUTCOMES:-

CO (1). To get the insight of different embroideries of various state of India.

CO (2). To discuss about various traditional fabrics of different states.

CO (3). To understand about different dye and printed fabrics.

CO (4). To understand traditional costumes of different state of India.

Bachelor of Science (Home Science) (Semester-IV)
Session: 2022-23
TRADITIONAL EMBROIDERIES, TEXTILES AND COSTUMES OF INDIA
(Practical)
COURSE CODE: BHSM-4285

COURSE OUTCOMES:

CO 1: To study and develop designs for basic embroidery stitches.

CO 2: To study and develop designs for Traditional embroideries.

CO 3: To make use of any traditional embroidery on an article.

B.Sc. Home Science (Semester-IV)

APPLIED PHYSICS

(Practical)

Course Outcomes- After Completing this course the students will be able to

CO1: Students will be able to measure the dimensions of different household items using instruments such as spherometer and screw gauge.

CO2: It will give understanding of Archimedes' Principle.

CO3: It will help to study the Newton Law of cooling of liquids.

Bachelor of Science (Home Science) Semester-IV

SESSION 2022-23

COURSE CODE: BHSM-4087

COURSE TITLE: Applied Chemistry (Theory)

COURSE OUTCOMES

After passing this course the student will be able to :

CO1: to understand the composition and properties of different organic compounds used in daily life.

CO1: to do the naming of various Organic Compound.

CO2: to draw the structure of the given Molecular Formula.

CO3: understand the structure and properties of Soaps and Detergents.

CO4: prepare Soaps and Detergents by different Chemical methods.

CO5: differentiate between Soaps and Detergents.

CO6: understand the structure and importance of rubbers and plastics.

CO7: Have an elementary idea about composition of cosmetics.

Bachelor of Science (Home Science) Semester-IV

SESSION 2022-23

Course Code: BHSM-4087(P)

COURSE TITLE: Applied Chemistry (Practical)

COURSE OUTCOMES

After passing this course the student will be able to:

CO1: prepare the solutions of different normalities and molarities.

CO2: calculate the strength of solutions of different normalities.

CO3: find out the percentage purity of the given sample solution.

CO4: compare the hardness of the various water samples.

CO5: to do Chemical testing of different Textile fibres (cotton, wool, silk, synthetic fibres).

CO6: to determine the pH of an unknown sample.

CO7: to determine the melting point of an organic compound.

Bachelor of Science (Home Science) (Semester –V)
(Session 2022-23)
CHILD PSYCHOLOGY
(Theory)
COURSE CODE: BHSL -5281

COURSE OUTCOMES

1. To introduce the concept of psychology and Child psychology.
2. To study the development of aspects such as attention, memory and learning.
3. To study the development phases in childhood with respect to these aspects.
4. To link the study of development with the discipline of psychology in accordance to different theories.
5. To provide systematic knowledge of the foundation of human behaviour.

Bachelor of Science (Home Science) (Semester –V) (Session 2022-23)
INTRODUCTION TO EXTENSION EDUCATION AND COMMUNITY DEVELOPMENT
(Theory)
COURSE CODE: BHSL -5282

COURSE OUTCOMES:

CO 1 To understand about the concept of education and its different forms.

CO 2 To gain the knowledge about extension services provided by agricultural universities.

CO 3 To make the students familiar about roles of extension and home science education in rural development.

CO 4 To get the concept of motivation and techniques to motivate village people and extension workers.

CO 5 To learn the concept of community development.

CO 6 To gain the knowledge about different rural development programs.

CO 7 To get the insight into Panchayati Raj System and its functions.

Bachelor of Science (Home Science) Semester-V
(Session: 2022-23)
COURSE CODE: BHSL-5063
BASIC NUTRITIONAL BIOCHEMISTRY
(Theory)

Course Outcomes:

After completing this course, student will be able to

CO1: Understand the concept of carbohydrates.

CO2: Understand metabolism of carbohydrates.

CO3: Understand basic concepts of fats.

CO4: Understand basics of inorganic elements and their dietary sources.

Bachelor of Science (Home Science) (Semester –V)
(Session 2022-23)
INTERIOR SPACE DESIGNING
(Theory)
COURSE CODE: BHSM-5284

COURSE OUTCOMES:

1. To study the objectives and importance of Home Interior Designing.
2. To study and orient the students towards present and future trends in furnishing material, flooring and curtains etc.
3. To plan furniture and color schemes for different rooms, age groups and gender.
4. To build the ability to apply various elements and principles of design in interiors.

Bachelor of Science (Home Science) (Semester –V)
(Session 2022-23)
INTERIOR SPACE DESIGNING
(Practical)

COURSE CODE: BHSM-5284

COURSE OUTCOMES :

1. To acquaint the students with standard measurements of furniture.
2. To enable them to make templates of different furniture items.
3. To plan and execute various color schemes.
- 4 To develop color scheme samples of drawing room, bedroom, children room etc.
5. To study and collect various furnishing material and develop a scrap book.

Bachelor of Science (Home Science) (Semester –V)
(Session 2022-23)
THERAPEUTIC NUTRITION
(Theory)
COURSE CODE: BHSM-5285

COURSE OUTCOMES:

- 1.To gain insight into objectives and concept of therapeutic diet.
- 2.To develop adaptations of normal diets into therapeutic diets.
3. To understand the concept of therapeutic nutrition in different diseases infections and fevers.
4. To gain knowledge of dietary modifications and management techniques.

Bachelor of Science (Home Science) (Semester –V)
(Session 2022-23)
THERAPEUTIC NUTRITION
(Practical)
COURSE CODE: BHSM-5285

COURSE OUTCOMES

1. To develop therapeutic diets according to special requirements of nutrients.
2. To calculate the nutritive value of diets.
3. To study the nutritive value of diets given in different diseases.
4. To develop entrepreneurship skills in students.
5. To encourage the students to set up a diet clinic.

Bachelor of Science (Home Science) (Semester –V)
(Session 2022-23)
BASIC CONCEPTS OF SEWING AND FASHION
(Theory)
COURSE CODE: BHSM-5286

COURSE OUTCOMES:

1. To impart knowledge about sewing, it's equipment's and supplies.
2. To develop an understanding of basic sewing techniques.
3. To study various concepts of fashion, theories and terminology.
4. To study the cycle of fashion and importance to consumer.
5. To develop an understanding of fashion merchandising and its process.

Bachelor of Science (Home Science) (Semester –V) (Session 2022-23)
BASIC CONCEPTS OF SEWING AND FASHION
(Practical)
COURSE CODE: BHSM-5286

COURSE OUTCOMES

1. To equip the students regarding the parts and working of the sewing machine.
2. To make the students familiar with various design features, hand stitches, machine seams to be used in garments.
3. To make the students capable in designing and stitching of baby garments such as bloomer and frock etc.

Bachelor of Science (Home Science) (Semester-V)
Session 2022-23
COURSE CODE: BHSM-5077
APPLIED BOTANY AND HOME GARDENING
(Theory)

COURSE OUTCOMES: -

After passing this course the student will be able to:

CO:1 Identify different plants.

CO:2 Learn art of home gardening.

CO:3 Understand the art of soil preparation for gardening.

CO:4 Understand different means of plant propagation.

Bachelor of Science (Home Science) (Semester-V)
(Session 2022-23)
COURSE CODE: BHSM-5077
APPLIED BOTANY AND HOME GARDENING
(Practical)

COURSE OUTCOMES: -

After passing this course the student will be able to:

CO:1 Identify different tools to be used in soil preparation.

CO:2 Understand the use of different plant parts for plant propagation.

CO:3 Maintain different plants in the garden.

CO:4 Identify ornamental plants.

Bachelor of Science (Home Science) (Semester-VI)
BEHAVIORAL PSYCHOLOGY
COURSE CODE: BHSM-6281
(Theory)

COURSE OUTCOMES

1. To study the concept of intelligence and its measurement.
2. To gain knowledge about personality, its social factors and assessment.
3. To identify the behaviour disorders, its factors and ways of preventing.
4. To study the concept of disability.
5. To classify various impairments and their causes, prevention, education and rehabilitation.

Bachelor of Science (Home Science) (Semester-VI)
BEHAVIORAL PSYCHOLOGY
COURSE CODE: BHSM-6281
(Practical)

COURSE OUTCOMES

1. To conduct a case study on a child to study socio-psychological dimension.
2. To assess personality using two different techniques.
3. To assess intelligence using two different techniques.
4. A visit to guidance/counseling cell.

Bachelor of Science (Home Science) (Semester-VI)
INTERIOR DECORATION
(Theory)
COURSE CODE: BHSM:6282

COURSE OUTCOMES

1. To understand the concept of Decorative and false ceiling.
2. To gain knowledge about good lighting and lighting needs for various activities and rooms.
3. To study different types of windows.
4. To study different types of curtains and draperies and their suitability.
5. To understand the importance of flower arrangement and its types.
6. To gain knowledge about equipments and accessories needed for flower arrangement.
7. To study the importance, types and selection of accessories used in rooms.

Bachelor of Science (Home Science) (Semester-VI)
INTERIOR DECORATION
(Practical)
COURSE CODE: BHSM: 6282

COURSE OUTCOMES

1. To make elevation on walls, show lighting, windows and accessories in rooms.
2. To make fresh flower arrangement.
3. To make any furnishing article.

Bachelor of Science (Home Science) (Semester-VI)
COMMUNITY NUTRITION
COURSE CODE: BHSM: 6283
(Theory)

COURSE OUTCOMES

1. To understand the concept of community, health and related terms.
2. To gain knowledge about methods of enhancing nutritive value of food.
3. To assess the nutrition status using different methods.
4. To study the channels of nutrition education in the community.
5. To understand the concept of planning and implementation of nutrition education programme.
6. To study different national nutrition programme and policies.
7. To gain knowledge about role of national and international agencies in community nutrition.

Bachelor of Science (Home Science) (Semester-VI)
COMMUNITY NUTRITION
COURSE CODE: BHSM: 6283
(Practical)

COURSE OUTCOMES

1. To cook recipes and calculate their cost and nutritive values.
2. To assess the nutritional status of different vulnerable groups.
3. To develop different audio-visual aids for imparting knowledge.
4. To plan, implement and evaluate the nutrition education for target groups.
5. To visit school to see the functioning of mid day meal programme.

Bachelor of Science (Home Science) (Semester-VI)
GARMENT DESIGNING & CONSTRUCTION
COURSE CODE: BHSM-6284
(Theory)

COURSE OUTCOMES

1. To identify different types of fabrics.
2. To understand the importance of labels.
3. To study the factors affecting selection of clothes for different age groups.
4. To study the use of lines in improving human figure.
5. To provide knowledge about anthropometry.
6. To gain knowledge about common fitting problems and methods of correcting them.
7. To get insight into pattern manipulation and its principles.

Bachelor of Science (Home Science) (Semester-VI)
COMMUNICATION AND AUDIO-VISUAL IN EXTENSION WORK
COURSE CODE : BISM: 6285
(Theory)

COURSE OUTCOMES

1. To understand the concept of communication, its importance, scope, functions and problems.
2. To study the selection of channel and teaching tools.
3. To get insight into audio-visual aids.
4. To study different audio-visual aids.
5. To gain knowledge about programme planning.
6. To develop and plan of work, its importance and selection of subject matter.

Bachelor of Science (Home Science) (Semester-VI)
COMMUNICATION AND AUDIO -VISUAL IN EXTENSION WORK
COURSE CODE : BHSM: 6285 (Practical)

COURSE OUTCOMES

1. To prepare different audio-visual aids like charts, posters, flash cards, pamphlet etc.
2. To prepare lesson plan.
3. A visit to impart extension education.

Bachelor of Science (Home Science) Semester-VI
Session: 2022-23
Course Code: BHSM-6066
Applied Nutritional Biochemistry
(Theory)

COURSE OUTCOMES:

After passing this course the student will be able to:

CO1: Study about general metabolism of protein

CO2: Have knowledge about B.M.R. and factors affecting B.M.R.

CO3: Get knowledge about the Urine composition and their normal and abnormal constituents

CO4: Study the Water and electrolyte balance

Bachelor of Science (Home Science) Semester-VI
Session:2022-23
COURSE CODE: BISM-6066
APPLIED NUTRITIONAL BIOCHEMISTRY
(Practical)

COURSE OUTCOMES:

After passing this course the student will be able to:

CO1: Perform Qualitative analysis of monosaccharide, disaccharide and polysaccharide.

CO2: Estimate Glucose Quantitatively

CO3: Test the reaction of protein fats and carbohydrate in bread, milk and egg.

Bachelor of Science (Home Science) Semester-VI

Session: 2022-23

APPLIED ZOOLOGY AND FOOD MICROBIOLOGY

COURSE CODE: BISM: 6487

(THEORY)

COURSE OUTCOMES

- CO1.To study useful and harmful insects.
- CO2.To study useful and harmful microorganisms.

Bachelor of Science (Home Science) Semester-VI
Session: 2022-23

APPLIED ZOOLOGY AND FOOD MICROBIOLOGY
COURSE CODE: BHSM: 6487
(Practical)

Course Outcomes

CO1. To make the students aware about economically important specimens (preserved).

CO2. Familiarize about the basic microflora.