

## **B.Sc. Composite Home Science**

### **Programme Specific Outcomes (PSO)**

1. To enable a learner to understand the universal and local needs of SDG and the symbiotic relationship among the five core disciplines of Home Science – Food Science and Nutrition, Human Development, Resource Management, Textiles and Clothing and Extension and Communication – through “learning by doing”.
2. To encourage interdisciplinary research, innovation and design (product) development to comprehend holistic concept of Home Science disciplines.
3. Foster a genre of multiskilled conscientious individuals with a passion for lifelong learning.
4. To kindle the spirit of entrepreneurship and develop generic and subject-specific skills to succeed in the employment market.
5. Develop sensitivity, resourcefulness and competence to render service to families,

### **SEMESTER I**

Course Title : **1CHS DSC C1 Fundamentals of Textiles**

Course Outcomes (CO)

1. Develop the skill of identifying and analysing various types of fibers, yarns and fabrics.
2. Knowledge of textile care and maintenance
3. Awareness on sustainable textiles and its application daily life.

Course Title : **1CHS DSC C3 Extension Education and Communication**

Course Outcomes (CO)

1. Understand the Concept of Extension Education and Communication
2. Develop skills in the use of Extension methods and media.
3. Become aware of Extension teaching and Learning.

Course Title : **1CHS DSC C5 Human Development i - Child Development**

Course Outcomes (CO)

1. Gain a scientific understanding of growth and development of a child.
2. Identify and suggest referral services for developmental delays.
3. Create a stimulative environment for early childhood.

Course Title : **1CHS OE1 Extension Training for Professional Development**

Course Outcomes (CO)

1. Gain basic knowledge on types and techniques of extension training for development
2. Develop the skill on designing a training programme
3. Use techniques like team building, group discussion and brain storming for professional development.

## SEMESTER II

Course Title : **2CHS DSC6 Basic Nutrition and Food Science**

Course Outcomes (CO)

1. Summarize fundamental and applied aspects of Food Science and nutrition.
2. Able to explain functions of specific nutrients in maintaining health
3. Identifying nutrient specific impact & apply factors of foods to solve practical & real problems.

Course Title : **2CHS DSC8 Fundamentals of Interior Design**

Course Outcomes (CO)

1. Gain knowledge on application of elements of art and principles of design in Interiors.
2. Analyze the traditional and contemporary furniture designs and furnishing styles.
3. Understand the history of Interior design at local, National and International levels.
4. Evaluate case studies on global market trends and techniques in the area of design.

Course Title : **2CHS DSC10 Human Physiology**

Course Outcomes (CO)

1. Gain knowledge into structure and functions of cells, tissues and organs of human b
2. Understand the anatomy and physiology of the various systems in the human body
3. Comprehend the functions of systems.

Course Title : **2CHS OE2 Sustainable Development through Energy Conservation**

Course Outcomes (CO)

1. Understand environmental aspects of non-conventional & alternate energy resources.
2. Understand the technical and commercial aspects of energy conservation.
3. Understand solid waste management and water conservation through the concept of reduce, reuse, recycle and compost.

## SEMESTER III

### Course Title : **3CHS DSC C11 Family Meal Management**

#### Course Outcomes (CO)

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.

### Course Title : **3CHS DSC C13 Dyeing printing and Finishing of Textiles**

#### Course Outcomes (CO)

1. Acquires knowledge on various dyes and skill of different dyeing methods, after treatments on various fibers.
2. Acquires knowledge on pigments and skill of preparing the fabric and printing paste for printing for various printing techniques, after treatments.
3. Understands various finishing techniques and learns basic functional finishes.

### Course Title : **3CHS DSC C15 Resource Management**

#### Course Outcomes (CO)

1. Understand the available resources and develop the ability to evaluate the managerial efficiency and effectiveness in the family and other organization.
2. Acquire an understanding of real-world challenges in HRM and identify measures to ensure a stable work environment efficiently through proper coordination, employee empowerment and training practices
3. Critical thinking skills by developing a data-driven approach to improve business productivity and performance.

### Course Title : **3CHS OE 3 Science of Play Across the Lifespan**

#### Course Outcomes (CO)

1. Gain a scientific understanding of play across the lifespan.
2. Identify areas where play can be transacted.
3. Ability to create a stimulative environment for mental health.

## SEMESTER IV

**Course Title : 4CHS DSC 16 Traditional Textiles and Costumes of India**

Course Outcomes (CO)

1. Acquires knowledge on various dyes and skill of different dyeing methods, after treatments on various fibres.
2. Acquires knowledge on pigments and skill of preparing the fabric and printing paste for printing for various printing techniques, after treatments.
3. Understands various finishing techniques and learns basic functional finishes.

**Course Title : 4CHS DSC18 Human Development II – Child and Adolescent Development**

Course Outcomes (CO)

1. Explain the need for and importance of studying childhood and adolescence as a distinctive stage of the lifespan.
2. Describe the historical views and theories on childhood and adolescent development.
3. Describe the characteristics, needs and developmental tasks of infancy, early childhood, middle childhood and early and late adolescence.
4. Identify the biological and environmental factors affecting development during childhood and adolescence.
5. Analyze key issues that influence child and adolescent development.

**Course Title : 4CHS DSC20 Community Development**

Course Outcomes (CO)

1. Gain knowledge on community development concepts and distinguish community development from community organization.
2. Comprehend significant phases in community development.
3. Envisage the role of community-based organizations in community development.

## SEMESTER V

### Course Title : **5CHS DSC – C21 Dietetics**

#### Course Outcomes (CO)

1. Understand the role of dietitian, good nutritional status, correct deficiencies or disease conditions of patients.
2. Gain knowledge on principles of diet therapy & design therapeutic diets for disease conditions.
3. Develop skill to plan and prepare therapeutic diets for prevention of disease conditions.

### Course Title : **5CHS DSC- C23 Consumer Behaviour and Marketing Management**

#### Course Outcomes (CO)

1. Understand the basic concepts of Consumer Behavior and its linkages to marketing.
2. Respond as a responsible consumer based on consumer protection laws and Acts.
3. Understand current marketing trends and systems in consumerism.

### Course Title : **5CHS DSC- C25 Human Development III – Adulthood and Ageing**

#### Course Outcomes (CO)

1. Discuss factors that affect physical, cognitive and socio-emotional development during adulthood and old age.
2. Identify needs of adults and elderly across contexts, plan & execute programs of intervention.
3. Evaluate policy recommendations for adults and elderly across contexts.

### Course Title : **5CHS DSE-E1A Public Health Nutrition**

#### Course Outcomes (CO)

1. Know basics of public health nutrition & understand need of prioritizing nutritional issues.
2. Assess nutritional health status of community.
3. Understand nutritional programmes and policies and apply ICT in formulation of community nutrition education programme.

### Course Title : **5CHS DSE - E1B – Apparel Production and Management**

#### Course Outcomes (CO)

1. Understand apparel industry hierarchy. Its processes in relation to sewing techniques.
2. Gain insight into quality standards and control methods in apparel merchandising management.
3. Comprehend perspective of India's stand in the global apparel exports.

### Course Title : **5CHS VOC - 1A - Fundamentals of Pattern Making and Garment Construction**

#### Course Outcomes (CO)

1. Work skilfully on a sewing machine.
2. Understand fabric layouts, pattern making techniques and draping skills.
3. Sew different parts of garment and finishing.

## SEMESTER VI

### Course Title : **6CHS DSC26 Extension Management**

#### Course Outcomes (CO)

1. Understand concept of Extension Management & purpose of planning and organizing.
2. Focus on requirement of effective staffing for successful Management.
3. Analyse the significance of effective project controlling.

### Course Title : **6CHS DSC28 Family Studies**

#### Course Outcomes (CO)

1. Understand interpersonal relationships and family dynamics in contemporary India.
2. Describe theoretical perspectives in understanding interpersonal relationships and family dynamics.
3. Formulate strategies for developing positive dynamics in different relationships and managing conflict.

### Course Title : **CHS DSC30 Fashion Studies**

#### Course Outcomes (CO)

1. Comprehend the processes and develop the ability to apply in fashion design.
2. Develop the ability for fashion styling, communication, and design concepts.
3. Understand Indian and global markets in merchandising.

### Course Title : **6CHS DSE- E2A Event Management and Hospitality Services**

#### Course Outcomes (CO)

1. Understand and develop skills in hospitality services.
2. Develop skill in meeting the demands of event management industry.
3. Formulate context appropriate action plans for challenges identified in hospitality services and event management industry.

### Course Title : **6CHS DSE – E2B Nutritional Biochemistry**

#### Course Outcomes (CO)

1. Comprehend basic concepts of biochemistry including structure, functions and metabolism of carbohydrates, proteins, and lipids.
2. Understand the functions, mode of action of enzymes and nucleic acids.
3. Infer errors of metabolism with reference to macronutrients.

### Course Title : **6CHS VOC - 2A Food Microbiology and Food Safety Regulations**

#### Course Outcomes (CO)

1. Understand the concepts of microbes in food and human welfare.
2. Infer the role of microbial spoilage of various foods and its intoxications.
3. Skill to develop framework for food quality control.