



FATIMA COLLEGE

(Autonomous)

Affiliated to Madurai Kamaraj University
Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai - 625018, Tamil Nadu

PROGRAMME OUTCOMES AND COURSE OUTCOMES 2022 – 2023

NAME OF THE PROGRAMME: B.Sc Home Science

PROGRAMME CODE: UAHS

Programme Outcomes (POs)

PO1	Scientific Knowledge in the thrust areas of Home science like Food and Nutrition, Textiles and Clothing, Human Development, Family Resource Management and Extension Education.
PO2	Acquisition of skills in meal planning, food processing, pattern making and garment construction, interior design and decoration
PO3	Professional competence in the management of family resources and to establish crèche and preschool.
PO4	Inculcating social responsibilities through community related activities.
PO5	Digital literacy in designing garments and calculating the nutritive value of foods.



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Course Outcomes:

Course Code	Course Title	Course Outcomes
19N1NME	Basics of Nutrition	CO1-Define the terminologies related to nutrition and health CO2-Describe the functions of food, food groups and food guide pyramid CO3-Identify the symptoms of deficiency disease of nutrients CO4-Classify micro nutrients and identify the impact on health CO5-Choose the appropriate cooking methods to conserve the nutrients
19N2CC4	Human Nutrition	The students will be able to CO1-Define the units and concepts of energy CO2-Classify and explain the macro and micro nutrients. CO3-Describe the nutrients with respect to the excess, deficiency and RDA for each nutrient. CO4-Solve the problem of identifying the nutrient quantification to sustain the energy allowance of individuals. CO5-Explain the non nutrients – water and dietary fibre. Describe antioxidants, nutrigenetics and nutrigenomics



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19N2CC5	Food Science	<p>The students will be able to</p> <p>CO1-Define the basic concept and recent trends in food science and nutrition.</p> <p>CO2-Classify the cooking methods.</p> <p>CO3-Describe the composition of food groups.</p> <p>CO4-Choose the suitable cooking methods for various food groups.</p> <p>CO5-Identify the role of foods in Indian cookery.</p>
19N3CC7	Extension Education and Communication	<p>The students will be able to</p> <p>CO1-Define the concepts of Home Science Extension Education.</p> <p>CO2-Describe the various welfare programmes for women</p> <p>CO3-Explain the principles and models of communication</p> <p>CO4-Classify the extension teaching methods.</p> <p>CO5-Construct audio –visual aids.</p>
19N3SB1	Entrepreneurial skills – Surface Ornamentation	<p>To enable students to</p> <p>CO1. Illustrate a basic motif .</p> <p>CO2- Recognise the basic hand stitches and prepare samples.</p> <p>CO3- Choose and apply appropriate embroidery stitches on various products.</p> <p>CO4- Describe different methods of painting on fabrics.</p> <p>CO5-. Plan the fabric painting technique for clothing and household linen.</p>



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19N4CC11	Clothing and Fashion	<p>The students will be able to</p> <p>CO1-.Identify the different techniques of pattern making and pattern layout.</p> <p>CO2-. Explain the principles of wardrobe planning and factors to be remembered in the selection of clothes.</p> <p>CO3. Summarize the laundering agents.</p> <p>CO4. Recall the terms related to fashion industry, fashion cycle and fashion trends.</p> <p>CO5. Describe the structure of fashion industry, fashion market and fashion promotion techniques. Illustrate and apply elements and principles of design on casual wear, party wear and kids wear.</p>
19N4SB2	Entrepreneurial Skills – CAD	<p>The students will be able to</p> <p>CO1-Illustrate the basic silhouettes of garments. Plan the colour and design based on the type of garment</p> <p>CO2-Identify the areas for the application of transparent effect</p> <p>CO3-Choose appropriate pleat, fold and accessories</p> <p>CO4-Organize the designed garment against a background</p>
19N5CC13	Crèche and Preschool	<p>The students will be able to</p> <p>CO1-The importance of children's environment and overall development of pre-school children.</p>



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19N5CC15	Family Resource Management	The students will be able to CO1-Classify the types, elements of design. CO2-Explain the principles of design, and its application in interiors. CO3-Construct house plan and landscaping CO4-Describe the housing problems and remedies. CO5-Build skills in interior designing.
19N5ME1	Technical Textiles	The students will be able to CO1- Identify the application areas of Technical Textiles. CO2- Describe the types of Geo Textiles, their properties and applications. CO3-Organise the four areas of Medical Textiles CO4- Choose the appropriate protective textiles for short term and long term survival. CO5- Restate in own words the application of technical textiles for various modes of transport.
19N5ME2	Food Biotechnology	students will be able to CO1-Describe the techniques in enzymes



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		<p>roduction and its application</p> <p>CO2-Summarize the process distilled alcoholic beverages</p> <p>CO3-Classify the types of food additives of microorganism origin</p> <p>CO4-Explain the concept of transgenic plants and its application in food industry</p> <p>CO5-Define genetically modified foods and its application in food industry</p>
19N5SB3	Entrepreneurial Skills – Baking, Adulteration and Food Preservation	<p>The students will be able to</p> <p>CO1-Define the terminology in baking, adulteration and preservation.</p> <p>CO2-Recognize the principles of food preservation.</p> <p>CO3-Choose the method of food preservation.</p> <p>CO4-Identify the adulterants in foods.</p> <p>CO5-Classify the food additives.</p>
19N5SB4	Participatory Rural Appraisal	<p>The students will be able to</p> <p>CO1-Define PRA and its principles</p> <p>CO2-Describe the application of PRA.</p> <p>CO3-List the types and techniques of mapping.</p> <p>CO4-Plan participatory research method in the field</p> <p>CO5-Identify the rural problems and plan projects</p>
19N6CC17	Resource	<p>The students will be able to</p> <p>CO1-Describe the management process</p>



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	Management	CO2-Identify the human and non-human resources CO3-Explain the financial management . CO4-Summarize the key elements of standard of living CO5-Built the concepts of consumerism.
19N6CC19	Clinical Nutrition and Dietetics	The students will be able to CO1-Identify the principles of meal planning in nutrition through life cycle. CO2- Recall the nutritive value of foods for planning diets CO3-Recognize the etiology and symptoms of diseases CO4-Build skills in preparation of therapeutic diets CO5-Solve problem of malnutrition through intervention programmes
19N6ME3	Family Dynamics	The students will be able to CO1- Describe the stages of adulthood. CO2-. Built knowledge on marriage and family. CO3. Recognise and solve family crisis. CO4- Summarize welfare programme for the aged and children with special needs CO5-Restate in own words the significance of population education.
19N6ME4	Food and Dairy Processing	The students will be able to CO1-Define the characteristics of food raw materials



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		CO2-Recall the preparative operations in food industries CO3-Classify the methods of heat and cold processing CO4-Choose the different processing methods adopted for plant and animal foods CO5-Illustrate the processing & preparation of milk and milk products
19N6ME5	Women and Entrepreneurship Development	The students will be able to CO1 Define the concept of entrepreneurship. CO2-Describe the requisites to establish business. CO3-List the institutions for entrepreneur development. CO4-Plan and prepare the project report. CO5-Recognize the components of project appraisal.
19N6SB5	Entrepreneurial Skills –Nutrition Counseling	The students will be able to CO1-Explain the counselling process. CO2-Identify the appropriate counseling techniques. CO3-Choose audiovisual aids for diet counseling. CO4-Organize counseling camps for specific diseases. CO5-Recall the principles of therapeutic diet.
19N6SB6	Entrepreneurial Skills – Interior Design and	The students will be able to CO1-Construct floor plan for different income groups. CO2-Classify the concept of interior design.



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	Decoration	CO3-Describe the concepts of landscaping. CO4-Identify the different types of windows treatments. CO5-Explain the application of Vastu in interior
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