



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

## **PROGRAMME OUTCOMES AND COURSE OUTCOMES**

**2021 – 2022**

**NAME OF THE PROGRAMME: B.Sc Home Science**

**PROGRAMME CODE: UAHS**

### **Programme Outcomes (POs)**

<b>PO 1</b>	Scientific Knowledge in the thrust areas of Home science like Food and Nutrition, Textiles and Clothing, Human Development, Family Resource Management and Extension Education.
<b>PO2</b>	Acquisition of skills in meal planning, food processing, pattern making and garment construction, interior design and decoration
<b>PO3</b>	Professional competence in the management of family resources and to establish crèche and preschool.
<b>PO4</b>	Inculcating social responsibilities through community related activities.



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

<b>PO5</b>	Digital literacy in designing garments and calculating the nutritive value of foods.
------------	--

## **Course Outcomes (COs)**

<b>Course Code</b>	<b>Course Title</b>	<b>Course Outcomes</b>
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



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

**Mary Land, Madurai - 625018, Tamil Nadu**

19N2CC4	Human Nutrition	<p>CO1-Define the units and concepts of energy</p> <p>CO2-Classify and explain the macro and micro nutrients.</p> <p>CO3-Describe the nutrients with respect to the excess, deficiency and RDA for each nutrient.</p> <p>CO4-Solve the problem of identifying the nutrient quantification to sustain the energy allowance of individuals.</p> <p>CO5-Explain the non nutrients – water and dietary fibre.</p> <p>Describe antioxidants, nutrigenetics and nutrigenomics</p>
19N2CC5	Food Science	<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>



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

		CO5-Identify the role of foods in Indian cookery.
19N3CC7	Extension Education and Communication	CO1-Define the concepts of Home Science Extension Education. CO2-Describe the various welfare programmes for women CO3-Explain the principles and models of communication CO4-Classify the extension teaching methods. CO5-Construct audio –visual aids.
19N3SB1	Entrepreneurial skills – Surface Ornamentation	CO1. Illustrate a basic motif . CO2- Recognise the basic hand stitches and prepare samples. CO3- Choose and apply appropriate embroidery stitches on various products. CO4- Describe different methods of painting on fabrics. CO5-. Plan the fabric painting technique for clothing and household



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

**Mary Land, Madurai - 625018, Tamil Nadu**

		linen.
19N4CC11	Clothing and Fashion	<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	<p>CO1-Illustrate the basic silhouettes of garments.</p> <p>Plan the colour and design based on the type of garment</p>



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

	Skills – CAD	CO2-Identify the areas for the application of transparent effect CO3-Choose appropriate pleat, fold and accessories CO4-Organize the designed garment against a background
19N5CC13	Crèche and Preschool Management	CO1-The importance of children's environment and overall development of pre-school children. CO2-Construct the administrative skills to establish the preschool. CO3-Express the views of educationists of preschool CO4-Build a skill in preparing various teaching aids for preschoolers CO5-Organize and maintain different play equipments and records in preschool centre
19N5CC15	Family Resource Management	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.



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

		CO5-Build skills in interior designing.
19N5ME1	Technical Textiles	<p>CO1- Identify the application areas of Technical Textiles.</p> <p>CO2- Describe the types of Geo Textiles, their properties and applications.</p> <p>CO3-Organise the four areas of Medical Textiles</p> <p>CO4- Choose the appropriate protective textiles for short term and long term survival.</p> <p>CO5- Restate in own words the application of technical textiles for various modes of transport.</p>
19N5ME2	Food Biotechnology	<p>CO1-Describe the techniques in enzymes production 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>



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

**Mary Land, Madurai - 625018, Tamil Nadu**

		CO4-Explain the concept of transgenic plants and its application in food industry CO5-Define genetically modified foods and its application in food industry
19N5SB3	Entrepreneurial Skills – Baking, Adulteration and Food Preservation	CO1-Define the terminology in baking, adulteration and preservation. CO2-Recognize the principles of food preservation. CO3-Choose the method of food preservation . CO4-Identify the adulterants in foods. CO5-Classify the food additives.
19N5SB4	Participatory Rural Appraisal	CO1-Define PRA and its principles CO2-Describe the application of PRA. CO3-List the types and techniques of mapping.





# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

		CO4-Plan participatory research method in the field CO5-Identify the rural problems and plan projects
19N6CC17	Resource Management	CO1-Describe the management process 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	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



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

**Mary Land, Madurai - 625018, Tamil Nadu**

		programmes
19N6ME3	Family Dynamics	<p>CO1- Describe the stages of adulthood.</p> <p>CO2-. Built knowledge on marriage and family.</p> <p>CO3. Recognise and solve family crisis.</p> <p>CO4- Summarize welfare programme for the aged and children with special needs</p> <p>CO5-Restate in own words the significance of population education.</p>
19N6ME4	Food and Dairy Processing	<p>CO1-Define the characteristics of food raw materials</p> <p>CO2-Recall the preparative operations in food industries</p> <p>CO3-Classify the methods of heat and cold processing</p> <p>CO4-Choose the different processing methods adopted for plant and animal foods</p> <p>CO5-Illustrate the processing &amp; preparation of milk and milk</p>



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

		products
19N6ME5	Women and Entrepreneurship Development	<p>CO1 Define the concept of entrepreneurship.</p> <p>CO2-Describe the requisites to establish business.</p> <p>CO3-List the institutions for entrepreneur development.</p> <p>CO4-Plan and prepare the project report.</p> <p>CO5-Recognize the components of project appraisal.</p>
19N6SB5	Entrepreneurial Skills –Nutrition Counseling	<p>CO1-Explain the counseling process.</p> <p>CO2-Identify the appropriate counseling techniques.</p> <p>CO3-Choose audiovisual aids for diet counseling.</p> <p>CO4-Organize counseling camps for specific diseases.</p> <p>CO5-Recall the principles of therapeutic diet.</p>
19N6SB6	Entrepreneurial Skills – Interior	<p>CO1-Construct floor plan for different income groups.</p>



# **FATIMA COLLEGE**

(Autonomous)

*Affiliated to Madurai Kamaraj University*

*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*

Mary Land, Madurai - 625018, Tamil Nadu

	Design and Decoration	CO2-Classify the concept of interior design.  CO3-Describe the concepts of landscaping.  CO4-Identify the different types of windows treatments .  CO5-Explain the application of Vastu in interior
--	--------------------------	---