



Run by - Jaibhavani Bahuddeshiya Shikshan Sanstha, Sadak Arjuni
 Af filiated by - Rashtrasant Tukadoji Maharaj Nagpur University

Code - 599

S CHAVHAN MAHILA MAHAVIDYALAYA, AMGAON

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Programmed Outcomes (PO)

Bachelor of Home Science

Program	Program Outcome
B.Sc. (Home Science)	Develop laboratory skills to enhance the Knowledge in particular field/subject.
	Acquire professional and entrepreneurial skills for economic empowerment of the students.
	Learn to enhance quality of life
	Attain Women Empowerment.
	Understand role of different subjects to help in self-development
	Attain computer literacy.

Course Outcomes of Bachelor of Science (Home Science)

Department	Class	Course	Semester	Course outcomes
Food and Nutrition	FYBSc (Home Science)	Fundamental of food science and nutrition	I and II	Identify basic nutrients present in foods material.
				Recognize role of nutrients, their requirements, effect of deficiency-excess of nutrients & function of food.
				Identify various food groups their role and functions. Plan different recipes using different
				Cooking methods, media and effect of different cooking methods on the quality of foods.
	FYBSc (Home Science)	Nutrition for Life Spain & Community Nutrition	III and IV	Identify basic Nutritional requirement of individual (RDA) and Prepare diet plans for individual of different age group and physical states.
				Understand the advantage of maintaining healthy lifestyle with following a balanced diet with adequate physical activity.
				Assess nutritional status of individual by different assessment methods.
				Understand preservation techniques & role of microorganisms in food industry



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	TYBSc (Home Science)	Diet Therapy	V and VI	<p>Understand the significance of therapeutic diet in management of various disease conditions. Modify basic diets for common lifestyle diseases.</p> <p>Choose appropriate diets for various physiological conditions.</p> <p>Describe the different types of diets and feeding methods for various disease conditions.</p>
Human Development	FYBSc (Home Science)	Fundamentals of Human Development & Development in early childhood	I and II	<p>Demonstrate an understanding of science of Human Development.</p> <p>Understand prenatal development & development during infancy and childhood.</p> <p>Understand growth and development during infancy & early childhood and factors influencing development during infancy and early childhood years.</p>
				<p>Understand development in late childhood and adolescence and dimensions of development in adulthood.</p> <p>Understand the significant changes during late childhood to adolescence and concerns of the family and society with respect to the individual in adult hood.</p> <p>Recognize the issues concerning late childhood and adolescence.</p>
	TYBSc (Home Science)	Family Dynamics & Developmental Assessment & Care & Well- Being in Human Development	V and VI	<p>Become aware of importance of family & marriage.</p> <p>Understand the concept of developmental assessment and significance of care and well-being in human development.</p> <p>Understand the concerns at different Stages of life and explore the availability of services and institutions that promote care and wellbeing.</p>



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Textile & Clothing	TYBSc (Home Science)	Fundamentals of textile & clothing & Sewing Techniques	I and II	Know about textile fibers and enhance knowledge about types of yarn and there To learn about yarn numbering system.
				Fabric formation methods and their properties and end uses.
				Understand loom and its attachment and know the relation between design, draft and peg plan.
	TYBSc (Home Science)	Textile design & Surface Ornamentation Techniques	III and IV	To develops the ornamentation skills of students through using various techniques of the same. To make students aware about different regional embroideries of India as well as some basic western embroideries.
				To learn about different hand dyed and painted textiles of India along with their techniques.
				To learn about various lace making techniques
	TYBSc (Home Science)	Advanced pattern making & Fashion Designing	V and VI	Develop the ability to create style in the garment through flat pattern making.
				Create different types of patterns for both Kids and women's and learn the drafting procedures for all.
				Enhance knowledge about preparations of fabric, pattern layout and fitting styles of Garments.
Understand about the working of fashion industry and get familiar with the terminology of fashion.				
Family Resource Management	TYBSc (Home Science)	Fundamentals of FRM& Interior decoration & Design	I and II	To develop good taste through the study of basic elements and principles of design
				To develop aesthetic sense.
	To develop good art consumer.			
	TYBSc (Home	Housing & Interior designing	III and IV	To develop understanding regarding housing needs, principles, of planning of house.-



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	Science)	&Home Furnishing		To gain knowledge about the role of internal amenities in contributing for satisfying family living.
	TYBSc (Home Science)	Advanced Resource Management -I &II	V and VI	To make students realize of importance of motivating factors of human life. Give Opportunity to develop ability to manage time, energy and money.
Extension Education	TYBSc (Home Science)	Fundamentals of Home science extension& Social Survey & Community Development	I and II	Student get knowledge about need, concept, and types of education & scope of home science.
				Students developed awareness regarding community development programmers. Students assess the methods of social survey & social research.
				Students impart knowledge of community development & Extension Education.
TYBSc (Home Science)	Extension communicatio n Techniques & Media in Extension	III and IV	Students develop awareness about group psychology & group dynamics. Students assess the extension teaching methods & approaches.	
			Students understand the concept of mass communication & media in Extension. Students comprehend the concept of advertisement in extension. Student develops the understanding of journalism in extension.	
			Students get knowledge about art of presentation & devices useful for effective communication	
TYBSc (Home Science)	Programme planning and Building extension &Community Development and	V and VI	Students develop awareness about group mobilization & role of change agents.	
			Students developed the concept of Extension training & methods. Students understand the necessity, importance & aspects of coordination in Extension work.	



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		management		Students understand the concept of development communication & PADC. Students understand administration, supervision & monitoring evaluation for Extension work.
Chemistry	TYBSc (Home Science)	Basic Chemistry	I and II	It helps to understand methods of purification of water, and determination of hardness of water.
				It helps to understand the properties of alloys and concept of corrosion.
				It provide basic knowledge of fuels, colloids, Acids and Bases and Carbon compounds.
	TYBSc (Home Science)	Applied Chemistry	III and IV	It provides basic knowledge of carbohydrates and Manufacturing of cane sugar.
				It provides general concept of fermentation, oils and fats, soap and detergents, polymers, dyes and drugs, cosmetics, essential oil and perfumes.
				Students acquire methods of preparation of Ethyl Alcohol, soaps, polymers, dyes, drugs, certain cosmetics, essential oils and perfumes, their properties and applications in day today life.
	TYBSc (Home Science)	Nutritional Biochemistry	V and VI	Develop an understanding of the chemistry of major nutrients like Carbohydrates, Fats and Proteins.
				Obtained an insight into the biological processes, systems like Metabolism as applicable to human nutrition.
				Apply the knowledge acquired to human nutrition and dietetics.
Physics	FYBSc	Applied	I and II	To Compare the various system of units.



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	(Home Science)	Physics and Basic Computer		Understand the concept of Fundamental and Derived quantities as well as the concept of scalar and vector quantity. To know the applications of Laws of motion in daily life and basic laws with applications of electricity and Optics. To refresh the basics of computer and their hardware.	
	FYBSc (Home Science)	Applied Physics and Computer Application	III and IV	To understand the electricity and personal safety.	
				To study the concept of heat and compare the mode of transmission of heat.	
				To study the electromagnetic induction and their applications and the chemical effect of electric current with their applications	
				To know the principle, construction working of home appliances and also identify the various defects in them and their remedies.	
					To study and practice the use of Microsoft computer software (Word, Excel, PowerPoint) and Internet.
	Biology	FYBSc (Home Science)	Ecology & Environment	I and II	Students became aware about environmental protection
		FYBSc (Home Science)	Applied physiology	III and IV	Students get knowledge of different body organs and their importance.
FYBSc (Home Science)		Health Science & Hygiene and Public Health	V and VI	Students get the theoretical as well as practical knowledge of various diseases caused by bacteria and viruses, their prevention and control measures.	