



NAAC ACCREDITED GRADE 'A++'
51st Rank at National Level in NIRF INDIA
RANKINGS(MoE, GoI) 2024



CRITERION-II
TEACHING , LEARNING AND EVALUATION



CRITERION 2
KEY INDICATOR- Student Performance and Learning Outcome

METRIC 2.6.1
Programme Outcomes (POs) and Course Outcomes (COs) for all programmes offered by the institution are stated and displayed on website and attainment of POs and Cos are evaluated

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1. Additional Information regarding Program Outcomes

➤ B.Sc. Home Science

Bachelor of Science in Home Science is a three-year undergraduate course offered by the college. The courses are structured according to the industry-academia requirements and global world. Courses offered by the college are absolutely in tune with its goals and objectives of generating employment, generating skills, entrepreneurship and sustainable development. Home Science is a unique and follows interdisciplinary approach in synthesizing knowledge drawn from all fields of sciences, humanities and creative arts which has enriched its educational programs still including the Indian traditional in its curriculum. It also caters to the present-day needs of multi-disciplinary education and provides solutions in societal and environmental contexts and demonstrate the knowledge and need for sustainable development.

➤ B.Sc. Fashion Designing

Bachelor of Science in Fashion Design is a three-year undergraduate course offered by the college. It covers study of the ever-changing trends in the fashion industry and market. The course focuses on the overall development of the students, grooming, technical skills, communication skills, body language, and various other aspects that positively enhance their personality, making them confident and outgoing. It also provides hands-on-experience on complex technologies that are found in the industry today through a 45-day internship in a fashion industry. It also provides a platform to budding designers to showcase their creations through an annual fashion show "AAKRITI". This course instils social commitment with entrepreneurial skills to become pioneers in contributing sustainable fashion products.

➤ M.Sc. Foods and Nutrition

The Department of Foods and Nutrition offers M.Sc. Food and Nutrition programme. The course focuses mainly on inculcating in the minds of students the necessary knowledge of food compositions, the quality and safety of food, the ability of metabolism relationships, the use of nutrients in food by the human body, an advanced understanding of the influence of exercises, etc. The courses of this programme have been designed to enhance the core competency of students in the fields of public health nutrition, dietetics, and food science. The course endeavours to train a cadre of professionals who can create nutrition awareness for the promotion of a healthy lifestyle among the population. The curriculum imparts knowledge and develops capacities of students through state of the art higher education in the areas of Human Nutrition, Food Science, Food Safety and Quality, Food Product Development and Public Health Nutrition. It is a 2 year programme divided into 4 semesters. A 45 days' internship period is included as part of the curriculum. The students are also given hands on experience of research through dissertation and thesis work and practical training of counselling through the diet clinic on the campus.

➤ M.Sc. Human Development & Family Relations

The course contributes towards providing the students a deep understanding of the well-being of individuals, families and the community at large across the life span in diverse contexts by generating knowledge, preparing for research, teaching, leadership, entrepreneurship, policy making and working as professionals in the related government and private fields. Various academic programs in Human Development & Family Relations prepare specialists at the Bachelors, Post Graduate and Ph.D. levels through research and pragmatic training. After extensive training in psychological testing and internship opportunities during the course, the

students are absorbed as counsellors in various government and private agencies and schools. Besides this, the faculty conducts significant research on a range of latest trends and issues faced by individuals and families in today's society. The course also provides innovative outreach efforts, internship and opportunities for hands on training as well as in various government and non-government organisations.

➤ **M.Sc. Clothing and Textiles**

The college offers a two-year Post Graduate course in Master of Science (Home Science) Clothing and Textiles. This course prepares the graduates into skilful professionals in the field of fashion, apparel and textiles designing. It also aims at providing technical know-how to the students to meet the demands of the ever-growing fashion and textile industry. Students learn various aspects of textile, garments, fashion, apparel manufacturing, marketing, communication, textile designing and many other subjects which are required to be an expert in this subject. The course also combines the art of design, the science of chemistry and the perspective of history in a rich, challenging learning environment that prepares individuals for dynamic careers at the creative forefront of the textile industry.

➤ **P.G. Diploma Fashion Designing**

The department of Clothing and Textiles also offers a one-year Post Graduate Diploma in Fashion Designing which is divided in two semesters. The course helps the students in generating design sensibilities and enhancing aesthetic skills, to provide customer-oriented solutions. The curriculum provides them with a hands on experience about the various aspects of fashion designing, garment construction, latest techniques, software and processes in the industry. The completion of the program opens a wide array of opportunities for a fashion design graduate like Fashion Designers, Entrepreneurs, Fashion Stylists, Visual Merchandisers and Costume Designers.

➤ **P.G. Diploma Nutrition and Dietetics**

The Department of Foods and Nutrition offers Post Graduate Diploma in Nutrition and Dietetics. The programme aims to develop core competencies in all the fields of nutrition. The aim is to train a cadre of professionals who would work as dieticians, nutrition consultants and public health hospital set up. This programme will enable the students to comprehend the principles of human physiology and biochemistry, for understanding the human diseases and their management, acquire knowledge on nutritional programmes and policies of the government and acquire skills for development of diet therapy and establishment of food service units. The course is of 1 year duration divided into 2 semesters. A 3-month internship in a multidisciplinary 100 bedded hospitals is compulsory as part of the curriculum. Apart from this, skill enhancement is achieved through practical training courses such as running of cafeteria and diet clinic.

➤ **P.G. Diploma Child Guidance & Family Counselling**

The Department of Human Development & Family Relations offers Post Graduate Diploma in Child Guidance & Family Counselling. The course has been designed to bridge the gap of availability of trained professionals for undertaking counselling and guidance of children and families in different settings. It has been planned with a Developmental, Ecological and Rights Perspective to enable the learner to function effectively as a mental health professional with an updated understanding of theoretical constructs, and the requisite skills. The inherent emphasis of the programme is on 'Development of Self' and 'Acquisition of Skills' through experiential and action learning. The course envisions to create professional and personal growth opportunities and giving hands on experience to students during three months' internship so as to enable them to

actualize their potential towards working with children and child- related systems. Apart from this, skill enhancement and participative learning is achieved by providing practical approach and hands on training through running of counselling cell.

➤ **Doctorate in Home Science**

Ph.D. in Home Science Program provides training and experiences that ventures into interdisciplinary subjects learning, encourage critical and theory-based problem-solving skills. The college uses various tools to gauge the capability of the students in attaining the desired results in terms of knowledge and practicality of the course content which in turn ensures the attainment of a given programme outcome and course outcome.

2. Additional Information regarding Program Specific Outcomes

➤ **B.Sc. Home Science & B.Sc. Fashion Designing**

The courses of the program are structured according to the demands and needs of industry and the world outside. Courses offered by the college are absolutely in tune with its goals and objectives. The interdisciplinary approach of both the courses caters to contemporary needs of education in order to meet the rapidly changing demands of family life and the multiple roles that women have to play at home as well as professional life. The trained graduates and postgraduates are absorbed in hospitals, industrial units, hotel industries, health fitness clubs and also as teachers, counsellors, sales managers, designers, consultants and field workers in extension education and community development programs. The different areas of specialization also concentrate on providing suitable training to the students for various job opportunities.

➤ **Apparel and Textile Design**

To cater to the needs of Textiles and Apparel industry, the Clothing and Textiles department has started a specialized and focused course in Apparel and Textile Design. It inculcates an awareness of current trends, new developments and technological changes in the field of fabric and apparel industry. The curriculum equips the students with the knowledge and skills necessary for creative, managerial and technical careers as well as entrepreneurship in the field of Textiles and Apparel industry.

➤ **Dietetics**

The curriculum of Dietetics has a strong practical base to keep pace with the dynamics and changing educational and professional needs in the field of nutrition and health care. It trains the students as nutritionists and health experts to work in various health clubs, hospitals, schools, colleges, Non-Governmental Organizations.

➤ **Human Development and Family Relations**

The course of Bachelor of Science in Human Development and Family Relations provides an in-depth knowledge and skill training to students. It provides scope for the students to work with various agencies dealing with Child Welfare, Social Welfare, Education and Human Development. Students also get placements in various Non-Governmental Organizations, hospital setups, and institutes of higher education.

➤ **Interior Design Management**

The course has scope for numerous job opportunities in private (corporate and commercial) and public sector. Students can work as freelancers and can also be co-workers with architects, interior decorators and real estate companies, teachers in schools, colleges and Polytechnic institutes.

➤ **Composite**

The course makes students familiar with a wide array of subjects to equip them with challenging tasks in the modern day world. The course enables them to take up specializations in any of the three master programs offered by the institute.

➤ **M. Sc. in Clothing and Textiles and Post Graduate Diploma in Fashion Designing**

The courses give in-depth knowledge of textile science, fundamentals of apparel design, construction techniques and fashion merchandising which enables the students to take up the jobs

in the related fields such as academics, garment industry, consultancy, retail merchandising and self-entrepreneurship.

➤ **M.Sc. in Foods and Nutrition and Post Graduate Diploma in Nutrition and Dietetics**

The courses offer excellent placement opportunities and cater to the demand for specialized expertise at national and international levels in various institutes and organizations like hospitals, health clinics, educational institutes and research bodies. Students can also work in multi-national companies, national and international nongovernmental organizations and food catering industry.

➤ **M. Sc. in Human Development and Family Relations and Post Graduate Diploma in Child Guidance and Family Counselling**

The course trains the students to take on central role as counsellors, special education experts, academicians and researchers in the field of family studies, early childhood care and education. Avenues for students also exist in various projects being run for the welfare of women, children and children with special needs by national and international organizations such as World Health Organization (WHO), United Nations International Children Emergency Fund (UNICEF), National Institute of Public Cooperation and Child Development (NIPCCD), Indian Council for Child welfare (ICCW) and Indian Council of Medical Research (ICMR).

➤ **Doctorate in Home Science**

Research Methodology and Statistics (COMMON TO ALL SUBJECTS): The purpose of teaching research methodology is to acquaint students with research and statistical methods and imparting knowledge of Computer applications for data analysis.

Journal Club (COMMON TO ALL SUBJECTS): The aim of journal club is to stimulate continuing intellectual curiosity in students to discover new ideas so that they can re-look at old ideas and develop insightful connections among ideas. Furthermore, it encourages them to exchange ideas focused on a source, thereby providing a unique and intellectual experience to the students.

Clothing and Textiles: The aim is to orient students to the latest advances in the field of Clothing and Textiles and to provide a link between theory and applied initiatives in the field of Design, Research, Quality assurance and CAD.

Perspectives in Human Development: The main purpose is to orient students to the latest advances in the field of Human Development with a focus on cultural perspectives and to provide a link between theory and applied initiatives.

Foods and Nutrition: The primary aim of the programme is to train the students in the method of scientific inquire and independent research. This is accomplished through advanced coursework and active participation with the faculty in their research programmes. Doctor of Philosophy students are expected to have a broad knowledge of all fields of Foods and Nutrition and have a deep understanding of at least one of its areas. The most important component of the Doctor of Philosophy programme is learning to perform independent and significant research in one's area of specialisation.

3. Additional Information regarding Course Outcomes B.Sc. Home Science (Theory)

Name of the Program: B.Sc. Home Science (Semester-I)			
Program Code-626			
Course Code	Course Name	Credit Hours	Course Outcomes
4451	ENGLISH LANGUAGE AND COMMUNICATION SKILLS THEORY	2+2 (Comp.)/ Week	<ul style="list-style-type: none"> • To understand the concept of English language and Communication Skills. • To test a student's understanding of the text and/or general life-situations, and also devise an effective method of assessing their ability to express themselves in a simple, lucid and correct language.
4452	INTRODUCTION TO FOODS AND NUTRITION - I THEORY	2/week	<ul style="list-style-type: none"> • To introduce the concept of different areas of Foods and Nutrition. • To gain knowledge about Foods and Nutrition.
4453	INTRODUCTION TO HUMAN DEVELOPMENT-I THEORY	2/week	<ul style="list-style-type: none"> • To introduce concepts of human development to students and link it as an interdisciplinary field. • To discuss the importance and scope of the study of human development. • To present the applied perspective on human development.
4454	INTRODUCTION TO INTERIOR DESIGN & RESOURCE MANAGEMENT-I (THEORY)	2/week	<ul style="list-style-type: none"> • To understand the fundamentals of interior design & resource management in changing scenario. • To recognize the importance of process of management in family life. • To recognize the contribution of motivation forces and decision making in management process. • To understand the elements and principles of design and their application in home interiors.
4455	INTRODUCTION TO CLOTHING AND TEXTILES - I (THEORY)	2/week	<ul style="list-style-type: none"> • To impart knowledge of • Fibers, sources of fibers and their properties. • Machines and tools used for sewing. • Clothing terminology • Clothing for different age groups.
4456	APPLIED BOTANY-I (THEORY)	2/week	<ul style="list-style-type: none"> • To introduce basic concepts about gardening. • To impart knowledge of propagation of plants by seeds and by other Vegetative methods. • To impart knowledge about plants which are of economic importance. • To impart knowledge about growing vegetables, fruits & flowers.

4457	APPLIED ZOOLOGY-I (THEORY)	2/week	<ul style="list-style-type: none"> To provide knowledge regarding the application of Zoology in day to day life.
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Name of the Program: B.Sc. Home Science (Semester-II)			
Program Code:627			
Course Code	Course Name	Credit Hours	Course Outcomes
4619	ENGLISH LANGUAGE AND COMMUNICATION SKILLS (Theory)	2+2 (Comp.)/ week	<ul style="list-style-type: none"> To understand the concept of English language and Communication Skills. To test a student's understanding of the text and/or general life-situations, and also devise an effective method of assessing their ability to express themselves in a simple, lucid and correct language.
4620	INTRODUCTION TO FOODS AND NUTRITION - II THEORY	2/week	<ul style="list-style-type: none"> To introduce the concept of different areas of Foods and Nutrition. To gain knowledge about Foods and Nutrition.
4621	INTRODUCTION TO HUMAN DEVELOPMENT-II (THEORY)	2/week	<ul style="list-style-type: none"> To introduce concepts of human development to students and link it as an interdisciplinary field. To discuss the importance and scope of the study of human development. To present the applied perspective on human development.
4622	INTRODUCTION TO INTERIOR DESIGN & RESOURCE MANAGEMENT-II (THEORY)	2/week	<ul style="list-style-type: none"> To understand the fundamentals of interior design & resource management in changing scenario. To recognize the importance of resources and maximizing & conserving their use in order to achieve goals. To understand the elements and principles of design and their application in home interiors. To understand the importance of color in interiors.
4623	INTRODUCTION TO CLOTHING AND TEXTILES – II (THEORY)	2/week	<p>To impart knowledge of</p> <ul style="list-style-type: none"> Fibers, sources of fibers and their properties. Machines and tools used for sewing. Clothing terminology Clothing for different age groups.
4624	APPLIED BOTANY-II (THEORY)	2 Hrs. / per week	<ul style="list-style-type: none"> To introduce basic concepts about gardening. To impart knowledge of propagation of plants by seeds and by other Vegetative methods. To impart knowledge about plants which are of economic importance. To impart knowledge about growing vegetables, fruits & flowers.
4625	APPLIED ZOOLOGY-II (THEORY)	2 hours/ week	<ul style="list-style-type: none"> To provide knowledge regarding the application of Zoology in day today life.

Name of the Program: B.Sc. Home Science (Semester-III)

Program Code-628

Course Code	Course Name	Credit Hours	Course Outcomes
4474	ART IN EVERYDAY LIFE (THEORY)	2/week	<ul style="list-style-type: none"> To gain better understanding of the application of Art Principles in interiors. To understand the elements of Art and Design as applied to daily life. To gather information regarding technologies and materials used for interiors.
4467	APPLIED NUTRITION -I(THEORY)	2/week	<ul style="list-style-type: none"> To elucidate the applied concepts of different areas of foods and nutrition. Acquire knowledge about the nutritional needs and concerns of specific age groups/physiological conditions.
4468	DEVELOPMENT IN INFANCY (THEORY)	2/week	<ul style="list-style-type: none"> To develop awareness of important aspects of development during infancy. To understand the influence and interaction of socio-cultural and environmental factors on development during infancy.
4472	INTERIOR FURNISHINGS (THEORY)	2/week	<ul style="list-style-type: none"> To understand the fundamentals of interior furnishings To understand the different types of interior furnishings and decorations To imbibe the information and guidance for decorating interiors with special reference to latest trends in the market To develop practical skills required to become professional interior decorators.
4473	FABRIC CONSTRUCTION (THEORY)	2/week	<ul style="list-style-type: none"> To impart knowledge of fabric manufacture and fabric properties. To enable students to understand fabric structures and to analyze them
4469	APPLIED PHYSICS-I (THEORY)	2/week	<ul style="list-style-type: none"> To provide knowledge regarding the applications of physics in day to day life.
4470	APPLIED CHEMISTRY-I (THEORY)	2/week	<ul style="list-style-type: none"> To make the students aware of the basics and applications of chemistry in everyday life.

4471	PHYSIOLOGY AND PROMOTIVE HEALTH - I (THEORY)	2/week	<ul style="list-style-type: none"> To gain knowledge about health, hygiene, common diseases. To study about environmental pollutants (air and water). To understand basic functioning of various systems of human body.
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Name of the Program: B.Sc. Home Science (Semester-IV)

Program Code-629

Course Code	Course Name	Credit Hours	Course Outcomes
4635	APPLIED NUTRITION - II (THEORY)	2/week	<ul style="list-style-type: none"> To elucidate the applied concepts of different areas of foods and nutrition. Acquire knowledge about the nutritional needs and concerns of specific age groups/physiological conditions.
4636	DEVELOPMENT IN EARLY CHILDHOOD (THEORY)	2/week	<ul style="list-style-type: none"> To develop awareness of important aspects of development during early childhood. To understand the influence and interaction of socio-cultural and environmental factors on development during early childhood.
4637	FUNDAMENTALS OF HOUSING (THEORY)	2/week	<ul style="list-style-type: none"> To impart essential information for making a good house. To give a comprehensive module in how best to plan and build home. To develop practical skills in planning different rooms.
4638	APPAREL CONSTRUCTION (THEORY)	2/week	<ul style="list-style-type: none"> Handling of special fabrics. Garment details and suitability of different fabrics for different garments.
4639	APPLIED PHYSICS-II (THEORY)	2/week	<ul style="list-style-type: none"> To provide knowledge regarding the applications of physics in day to day life.
4640	APPLIED CHEMISTRY -II (THEORY)	2/week	<ul style="list-style-type: none"> To make the students aware of the basics and applications of chemistry in everyday life.

4641	PHYSIOLOGY AND PROMOTIVE HEALTH – II (THEORY)	2/week	<ul style="list-style-type: none"> To gain knowledge about health, hygiene, common diseases. To study about environmental pollutants (air and water). To understand basic functioning of various systems of human body.
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**Name of the Program: B.Sc. Home Science (Dietetics)
(Semester-V)**

Program Code-630			
Course Code	Course Name	Credit Hours	Course Outcomes
4495	NUTRITIONAL BIOCHEMISTRY– I (THEORY) (COMMON TO COMPOSITE AND DIETETICS)	3/ week	<ul style="list-style-type: none"> The Course lays the foundation for introduction to various types of biomolecules and their biochemical roles in different processes in living systems.
4502	COMMUNITY NUTRITION AND PUBLIC HEALTH–I (THEORY)	3/ week	<ul style="list-style-type: none"> To understand the causes/determinants and distribution of nutrition problems in the community. To orient the students with all the important methodologies applied in nutritional assessment and surveillance of human groups. To understand the consequences of nutritional problem and familiarize them with various approaches to nutrition and health intervention programs and policies
4503	INSTITUTIONAL FOOD SERVICE AND QUALITY MANAGEMENT-I (THEORY)	3/ week	<ul style="list-style-type: none"> To develop a knowledge base in key areas institutional food management. To impart necessary expertise to run a food service unit. To provide practical level experience in managing food service management. To critically evaluate the functioning of food service units.
4522	FUNDAMENTALS OF FOOD SCIENCE-I (THEORY)	3/ week	<p>This course should enable the students to –</p> <ul style="list-style-type: none"> Know the principles of diet therapy. Understand the modifications of normal diet for therapeutic purposes. Understand the role of the dietician.
4496	NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASE- I THEORY	3/ week	<ul style="list-style-type: none"> Understand the basic concepts of food science and its applications in processing of food. Learn about the quality parameters of various foods. Gain practical knowledge about food components and their role in cooking.
4500	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I (THEORY)	3/ week	<ul style="list-style-type: none"> To prepare the platform where the students view entrepreneurship and self-employment as a desirable and feasible career option. Stimulating the potential to develop entrepreneurial orientation through innovation and creativity To orient the students with basic principles involved in starting and managing a new enterprise.

4501	EXTENSION EDUCATION-I THEORY (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To sensitize students towards various methods, preparation and selection of suitable materials for effective communication.
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Name of the Program: B.Sc. Home Science (Human Development & Family Relations) (Semester-V)

4491	INTRODUCTION TO THEORIES OF HUMAN DEVELOPMENT-I (THEORY)	3/week	<ul style="list-style-type: none"> To have an overview of various theories of human development. To study important aspects of development dealt by selected theories of human development. To study and understand the application of various theories of human development.
4492	CHILDREN WITH SPECIAL NEEDS-I (THEORY)	3/week	<ul style="list-style-type: none"> To acquaint students with meaning and nature of children with special needs. To generate awareness related to conceptual framework in special education. To familiarize students with problems of parents and children with special needs.
4498	DEVELOPMENT IN ADOLESCENCE (THEORY) (COMMON TO COMPOSITE AND HDFR)	3/week	<ul style="list-style-type: none"> To study and understand development during adolescence. To gain an insight into problems of adolescents. To understand the guidance and counselling needs of adolescents and their parents. To generate awareness related to various areas of adolescent development. To familiarize students with issues concerning adolescents.
4493	INTRODUCTION TO GUIDANCE AND COUNSELLING (THEORY)	3/week	<ul style="list-style-type: none"> To introduce students to the basic concepts of guidance and counselling. To appraise them about of the difference between guidance and counselling. To relate counselling to the present day context , at personal and professional level.
4494	CHILDREN AT RISK (THEORY)	3/week	<ul style="list-style-type: none"> To understand and gain knowledge about children at risk. To know the causes, prevention and possible interventions for helping children at risk. To know the rights of children and the way Government, NGO's and activists can be involved in restoring them.
4500	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I (THEORY) (COMMON TO ALL)	3/week	<ul style="list-style-type: none"> To prepare the platform where the students view entrepreneurship and self-employment as a desirable and feasible career option. Stimulating the potential to develop entrepreneurial orientation through innovation and creativity To orient the students with basic principles involved in starting and managing a new enterprise.

4501	EXTENSION EDUCATION-I (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> • To understand the concept of extension and its relevance for self & national development. • To appreciate the role of Home Science extension in community development. • To sensitize students towards various methods, preparation and selection of suitable materials for effective communication.
Name of the Program: B.Sc. Home Science (Interior Design & Resource Management) (Semester- V)			
4484	BUILDING MATERIALS AND CONSTRUCTION TECHNIQUES – I (THEORY)	2 / week	<ul style="list-style-type: none"> • To enable the students to make use of various types of building materials in designing & planning of various design projects. • To enable the students to execute construction work in various design projects.
4485	WORK PLACE DESIGN - I (THEORY)	2 / week	<ul style="list-style-type: none"> • To develop an understanding of designing residential projects. • To enable the students in creating & designing comfortable workplaces which ensure health & safety of the occupants.
4486	FURNITURE DESIGN & INTERIOR GRAPHICS (THEORY)	2 / week	<ul style="list-style-type: none"> • To gain knowledge about different styles of existing furniture • To gain knowledge about different materials & Finishes used in construction of furniture.
4497	ERGONOMICS & HOUSEHOLD EQUIPMENT (THEORY) (COMMON TO COMPOSITE & IDRM)	3 / week	<ul style="list-style-type: none"> • To enlighten the student regarding the concept of Ergonomics and its role in improving work efficiency. • To study the relationship among work, worker and workplace to reduce physiological stress on body. • To orient the student regarding new trends in household equipment their use and maintenance.
4500	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> • To prepare the platform where the students view entrepreneurship and self-employment as a desirable and feasible career option. • Stimulating the potential to develop entrepreneurial orientation through innovation and creativity • To orient the students with basic principles involved in starting and managing a new enterprise
4501	EXTENSION EDUCATION-I THEORY (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> • To understand the concept of extension and its relevance for self & national development. • To appreciate the role of Home Science extension in community development. • To sensitize students towards various methods, preparation and selection of suitable materials for effective communication.

**Name of the Program: B.Sc. Home Science (Apparel & Textile Design)
(Semester-V)**

4499	TRADITIONAL EMBROIDERIES (THEORY) (COMMON TO COMPOSITE & APPAREL AND TEXTILE DESIGN)	3/week	<ul style="list-style-type: none"> To impart knowledge of various motifs, colours and designs used in Traditional embroideries of India. To impart knowledge of stitches and techniques used in traditional embroideries of India.
4488	FASHION CONCEPTS AND ILLUSTRATION (THEORY)	3/week	<ul style="list-style-type: none"> Fashion terms Fashion movements Fashion adoption Fashion illustration
4489	TEXTILE DESIGN (THEORY)	3/week	<ul style="list-style-type: none"> To acquaint students with: Elements of art & Principles of design and their applications Different types of thickening agents, dyeing and printing techniques. Defects and after-treatments of dyed and printed goods
4500	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To prepare the platform where the students view entrepreneurship and self-employment as a desirable and feasible career option. Stimulating the potential to develop entrepreneurial orientation through innovation and creativity To orient the students with basic principles involved in starting and managing a new enterprise
4501	EXTENSION EDUCATION-I (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To sensitize students towards various methods, preparation and selection of suitable materials for effective communication.

**Name of the Program: B.Sc. Home Science (Composite)
(Semester V)**

4495	NUTRITIONAL BIOCHEMISTRY-I (THEORY) (COMMON TO COMPOSITE AND DIETETICS)	3/ week	<ul style="list-style-type: none"> The Course lays the foundation for introduction to various types of biomolecules and their biochemical roles in different processes in living systems.
4496	NUTRITIONAL MANAGAMENT IN HEALTH AND DISEASE- I (THEORY)	3/week	<p>This course should enable the students to –</p> <ul style="list-style-type: none"> Know the principles of diet therapy. Understand the modifications of normal diet for therapeutic purposes. Understand the role of the dietician.

	(COMMON TO COMPOSITE AND DIETETICS)		
4497	ERGONOMICS & HOUSEHOLD EQUIPMENT (THEORY) (COMMON TO COMPOSITE & IDRM)	3 / week	<ul style="list-style-type: none"> To enlighten the student regarding the concept of Ergonomics and its role in improving work efficiency. To study the relationship among work, worker and workplace to reduce physiological stress on body. To orient the student regarding new trends in household equipment their use and maintenance.
4498	DEVELOPMENT IN ADOLESCENCE (THEORY) (COMMON TO COMPOSITE AND HDFR)	3/week	<ul style="list-style-type: none"> To study and understand development during adolescence. To gain an insight into problems of adolescents. To understand the guidance and counselling needs of adolescents and their parents. To generate awareness related to various areas of adolescent development. To familiarise students with issues concerning adolescents.
4499	TRADITIONAL EMBROIDERIES (THEORY) (COMMON TO COMPOSITE & APPAREL AND TEXTILE DESIGN)	3/ week	<ul style="list-style-type: none"> To impart knowledge of various motifs, colours and designs used in Traditional embroideries of India. To impart knowledge of stitches and techniques used in traditional embroideries of India.
4500	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT – I (THEORY) (COMMON TO ALL)	2/ week	<ul style="list-style-type: none"> To prepare the platform where the students view entrepreneurship and self-employment as a desirable and feasible career option. Stimulating the potential to develop entrepreneurial orientation through innovation and creativity. To orient the students with basic principles involved in starting and managing a new enterprise
4501	EXTENSION EDUCATION – I (THEORY) (COMMON TO ALL)	2/ week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To sensitize students towards various methods, preparation and selection of suitable materials for effective communication.

**Name of the Program: B.Sc. Home Science (Dietetics)
(Semester-VI)**

Programme Code-631

Course Code	Course Name	Credit Hours	Course Outcomes
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4663	NUTRITIONAL BIOCHEMISTRY –II (THEORY) (COMMON TO COMPOSITE AND DIETETICS)	2/week	<ul style="list-style-type: none"> The Course lays the foundation for introduction to various types of biomolecules and their biochemical roles in different processes in living systems.
4670	COMMUNITY NUTRITION AND PUBLIC HEALTH-II (THEORY)	2/week	<ul style="list-style-type: none"> To understand the causes/determinants and distribution of nutrition problems in the community. To orient the students with all the important methodologies applied in nutritional assessment and surveillance of human groups. To understand the consequences of nutritional problems and familiarize them with various approaches to nutrition and health intervention programs and policies.
4671	INSTITUTIONAL FOOD SERVICE AND QUALITY MANAGEMENT-II (THEORY)	3/week	<ul style="list-style-type: none"> To develop a knowledge base in key areas of institutional food management. To impart necessary expertise to run a food service unit. To provide practical level experience in managing food service management. To critically evaluate the functioning of food service units.
4664	NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASE- II (THEORY) (COMMON TO COMPOSITE AND DIETETICS)	3/week	<p>This course should enable the students to –</p> <ul style="list-style-type: none"> Know the principles of diet therapy. Understand the modifications of normal diet for therapeutic purposes. Understand the role of the dietician.
4672	FUNDAMENTALS OF FOOD SCIENCE- II (THEORY)	3/week	<ul style="list-style-type: none"> Understand the basic concepts of food science and its applications in processing of food. Learn about the quality parameters of various foods. Gain practical knowledge about food components and their role in cooking.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To introduce the students to the world of business by developing in to them the core skills and competencies required for an entrepreneur. To learn the process of creation and management of entrepreneurial venture.
4669	EXTENSION EDUCATION-II THEORY (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To create awareness about rural development and various programs and agencies involved in it. To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To create awareness about rural development and various programs and agencies involved in it.

**Name of the Program: B.Sc. Home Science
(Human Development & Family Relations) (Semester-VI)**

4679	INTRODUCTION TO THEORIES OF HUMAN DEVELOPMENT-II (THEORY)	3/week	<ul style="list-style-type: none"> To study various theories of human development. To study and understand the application of these theories.
4680	CHILDREN WITH SPECIAL NEEDS-II (THEORY)	3/week	<ul style="list-style-type: none"> To provide basic understanding of policies and programs for special children. To generate awareness related to conceptual framework in special education. To generate awareness related to counselling needs of special children. To generate awareness related to rehabilitation of special children.
4666	DEVELOPMENT IN EARLY AND LATE ADULTHOOD (THEORY) (COMMON TO COMPOSITE AND HDFR)	3/week	<ul style="list-style-type: none"> To enhance student's awareness of development of early and late adulthood. To acquaints students with problems of early and late adulthood.
4681	MARRIAGE AND FAMILY (THEORY)	3/week	<ul style="list-style-type: none"> To introduce marriage and family in human development and family relationship perspective. To appraise students of a systematic understanding of marriage institute of marriage from establishing a companionship to happy family life; to orient them to dysfunctional marriage. To help to understand the structural and functional change in family in the present scenario. To connect the factors of marriage and family wellbeing.
4682	OLD AGE (THEORY)	3/week	<ul style="list-style-type: none"> To enable to become aware and sensitize to the issues related to old age. To create awareness about the rights and welfare agencies catering to the needs of old age.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To introduce the students to the world of business by developing in to them the core skills and competencies required for an entrepreneur. To learn the process of creation and management of entrepreneurial venture.
4669	EXTENSION EDUCATION-II THEORY (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To create awareness about rural development and various programs and agencies involved in it.

**Name of the Program: B.Sc. Home Science (Interior Design & Resource Management)
(Semester- VI)**

4665	CONSUMER EDUCATION	3 / week	<ul style="list-style-type: none"> To enable students become potential consumer by knowing consumer rights and responsibilities.
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	(THEORY) (COMMON TO COMPOSITE & IDRM)		<ul style="list-style-type: none"> • To impart education regarding sound buying practices, frauds and malpractices related to consumer goods. • To orient the students regarding product safety aids and ensuring the quality purchase. • To enlighten the students regarding the consumer protection laws & procedure for redressed.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> • To introduce the students to the world of business by developing in to them the core skills and competencies required for an entrepreneur. • To learn the process of creation and management of entrepreneurial venture.
4669	EXTENSION EDUCATION-II THEORY (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> • To understand the concept of extension and its relevance for self & national development. • To appreciate the role of Home Science extension in community development. • To create awareness about rural development and various programs and agencies involved in it.
4675	SUSTAINABLE BUILDINGS (THEORY)	2 / week	<ul style="list-style-type: none"> • To provide knowledge to the students about the concept & importance of sustainable buildings. • To enable the students to use sustainable building materials in design projects. • On successful completion of the course the students should have understood the importance of green building technology. • Acquired knowledge in recent green building materials and to trap rain water
4674	WORK PLACE DESIGN - II (THEORY)	2 / week	<ul style="list-style-type: none"> • To develop understanding of designing office & restaurant projects. • To enable the students in creating & designing comfortable workplaces which ensure health & safety of the occupants with effective planning
4673	BUILDING MATERIALS AND CONSTRUCTION TECHNIQUES – II (THEORY)	3 / week	<ul style="list-style-type: none"> • To enable the students to make use of various types of building materials in designing & planning of various design projects. • To enable the students to execute construction work in various design projects.
Name of the Program: B.Sc. Home Science (Apparel & Textile Design) (Semester-VI)			
4676	HISTORY OF WORLD COSTUMES (THEORY)	3/week	<ul style="list-style-type: none"> • To acquaint the students with costumes of different Ancient World Civilizations.
4667	TRADITIONAL TEXTILES (THEORY) (COMMON TO COMPOSITE & APPAREL AND TEXTILE DESIGN)	3/week	<ul style="list-style-type: none"> • To impart knowledge of various aspects of Traditional Textiles of India.

4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To introduce the students to the world of business by developing in to them the core skills and competencies required for an entrepreneur. To learn the process of creation and management of entrepreneurial venture.
4669	EXTENSION EDUCATION-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To create awareness about rural development and various programs and agencies involved in it.
Name of the Program: B.Sc. Home Science (Composite) (Semester VI)			
4663	NUTRITIONAL BIOCHEMISTRY – II (THEORY) (COMMON TO COMPOSITE AND DIETETICS)	3/week	<ul style="list-style-type: none"> The Course lays the foundation for understanding the functioning of metabolic processes at cellular level, and the role of various nutrients in these processes
4664	NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASE- II(THEORY) (COMMON TO COMPOSITE AND DIETETICS)	3/week	<p>This course should enable the students to –</p> <ul style="list-style-type: none"> Know the principles of diet therapy. Understand the modifications of normal diet for therapeutic purposes. Understand the role of the dietician.
4665	CONSUMER EDUCATION (THEORY) (COMMON TO COMPOSITE & IDRM)	3/week	<ul style="list-style-type: none"> To enable students become potential consumer by knowing consumer rights and responsibilities. To impart education regarding sound buying practices, frauds and malpractices related to consumer goods. To orient the students regarding product safety aids and ensuring the quality purchase. To enlighten the students regarding the consumer protection laws & procedure for redressed.
4666	DEVELOPMENT IN EARLY AND LATE ADULTHOOD (THEORY) (COMMON TO COMPOSITE AND HDFR)	3/week	<ul style="list-style-type: none"> To enhance students' awareness of development of early and late adulthood. To acquaint students with problems of early and late adulthood.
4667	TRADITIONAL TEXTILES (THEORY) (COMMON TO COMPOSITE & APPAREL AND TEXTILE DESIGN)	3/week	<ul style="list-style-type: none"> To impart knowledge of various aspects of Traditional Textiles of India.

4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To introduce the students to the world of business by developing in to them the core skills and competencies required for an entrepreneur. To learn the process of creation and management of entrepreneurial venture.
4669	EXTENSION EDUCATION-II (THEORY) (COMMON TO ALL)	2/week	<ul style="list-style-type: none"> To understand the concept of extension and its relevance for self & national development. To appreciate the role of Home Science extension in community development. To create awareness about rural development and various programs and agencies involved in it.

**4. Additional Information regarding Course Outcomes
B.Sc. Home Science (Practical)**

Name of the Program: B.Sc. Home Science (Semester-I)			
Program Code- 0626			
Course code	Course name (Practical)	Credit hours	Course outcomes
4613	INTRODUCTION TO FOODS AND NUTRITION - I	2/week	<ul style="list-style-type: none"> To understand the concepts of weights and measurements (raw and cooked food) and its importance. To acquire skills in food preparation technique of food. To use appropriate methods of cooking for preparation of specific food products. To observe and understand the principals involved in preparation of different foodstuffs. To learn some methods of preservation of foods. To understand the concept of food adulteration.
4614	INTRODUCTION TO HUMAN DEVELOPMENT-I	2/week	<ul style="list-style-type: none"> To introduce methods of studying human development. To acquaint students with issues related to development of infants. To present the applied perspective on human development.
4615	INTRODUCTION TO INTERIOR DESIGN & RESOURCE MANAGEMENT-I	2/week	<ul style="list-style-type: none"> To introduce concepts of human development to students and link it as an interdisciplinary field. To discuss the importance and scope of the study of human development. To present the applied perspective on human development.
4616	INTRODUCTION TO CLOTHING AND TEXTILES - I	2hr /week	<ul style="list-style-type: none"> To enable the students to- <ul style="list-style-type: none"> - Identify fibers. - Make samples of basic construction techniques

	APPLIED BOTANY-I	2hr /week	<ul style="list-style-type: none"> To introduce basic concepts about gardening. To impart knowledge of propagation of plants by seeds and by other Vegetative methods. To impart knowledge about plants which are of economic importance. To impart knowledge about growing vegetables, fruits & flowers.
4618	APPLIED ZOOLOGY-I	2hr /week	<ul style="list-style-type: none"> To provide knowledge regarding the application of Zoology in day-to-day life.
****	BASICS OF COMPUTER	2hr /week	<ul style="list-style-type: none"> To impart basic computer knowledge to students. To enable the students to concept of fundamentals and its applications.
	PHYSICAL EDUCATION	2hr /week	<ul style="list-style-type: none"> Wholesome development of an individual. Knowledge of basic techniques involved in athletic events. Practical knowledge of techniques and skills involved in various games out of syllabus. Knowledge and benefit of yoga in day-to-day life.
	MUSIC (VOCAL)	2hr /week	<ul style="list-style-type: none"> Introduction of Swara, Raga, Taal, Alankars. To develop interest in Classical Music
	DANCE	2hr /week	<ul style="list-style-type: none"> Wholesome development of an individual. Introduction to laya and taal
Name of the Program: B.Sc. Home Science (Semester-II)			
4620	INTRODUCTION TO FOODS AND NUTRITION - II	2/week	<ul style="list-style-type: none"> To understand the concepts of weights and measurements (raw and cooked food) and its importance. To acquire skills in food preparation technique of food. To use appropriate methods of cooking for preparation of specific food products. To observe and understand the principals involved in preparation of different foodstuffs. To learn some methods of preservation of foods. To understand the concept of food adulteration.
4621	INTRODUCTION TO HUMAN DEVELOPMENT-II	2/week	<ul style="list-style-type: none"> To introduce methods of studying human development. Students with issues related to development of infants. To present the applied perspective on human development.
4622	INTRODUCTION TO INTERIOR DESIGN & RESOURCE MANAGEMENT-II	2/week	<ul style="list-style-type: none"> To introduce concepts of human development to students and link it as an interdisciplinary field. To discuss the importance and scope of the study of human development. To present the applied perspective on human development.

4623	INTRODUCTION TO CLOTHING AND TEXTILES - II	2/week	<ul style="list-style-type: none"> To impart knowledge of - Identify fibers. - Identify stains and their removal. - Make samples of basic construction techniques.
4624	APPLIED BOTANY- II	2hr/ week	<ul style="list-style-type: none"> To impart knowledge about plants which are of economic importance. To impart knowledge about growing vegetables, fruits & flowers.
4625	APPLIED ZOOLOGY-II	2hr/ week	<ul style="list-style-type: none"> To provide knowledge regarding the application of Zoology in day-to-day life.
****	COMPUTER APPLICATION	2/week	<ul style="list-style-type: none"> To impart computer knowledge to students through practical.
****	PHYSICAL EDUCATION	2/week	<ul style="list-style-type: none"> Wholesome development of an individual. Knowledge of basic techniques involved in athletic events. Practical knowledge of techniques and skills involved in various games out of syllabus. Knowledge and benefit of yoga in day-to-day life.
****	MUSIC (VOCAL)	2hr/ week	<ul style="list-style-type: none"> Introduction of swara, raga, taal, alankars To develop interest in Classical Music.
****	DANCE	2hr/ week	<ul style="list-style-type: none"> Wholesome development of an individual Introduction to laya and taal

Name of the Program: B.Sc. Home Science (Semester-III)

Program Code-0628

Course Code	Course Name	Credit Hours	Course Outcomes
4626	ART IN EVERYDAY LIFE	2/ Week	<ul style="list-style-type: none"> To gain better understanding of the application of Art Principles in interiors To understand the elements of Art and Design as applied to daily life To gather information and understand and enjoy visual arts.
4627	APPLIED NUTRITION - I	2/week	<ul style="list-style-type: none"> Acquire knowledge about various nutrients and concerns of specific age groups/physiological conditions.
4628	DEVELOPMENT IN INFANCY	2/week	<ul style="list-style-type: none"> To develop awareness of important aspects of development during infancy. To understand the influence and interaction of socio-cultural and environmental factors on development during infancy.

4629	INTERIOR FURNISHINGS	2/week	<ul style="list-style-type: none"> ● To understand the different types of interior furnishings and decorations ● To imbibe the information and guidance for decorating interiors with special reference to latest trends in the market ● To develop practical skills required to become professional interior decorators.
4630	FABRIC CONSTRUCTION	2/week	<ul style="list-style-type: none"> ● Identify yarns and weaves. ● Make samples of knitting and crocheting.
4631	APPLIED PHYSICS -I	2/week	<ul style="list-style-type: none"> ● To provide knowledge regarding the applications of physics in day to day life.
4632	APPLIED CHEMISTRY - I	2/week	<ul style="list-style-type: none"> ● To make the students aware of the basics and applications of chemistry in every day life.
	PHYSICAL EDUCATION	2/week	<ul style="list-style-type: none"> ● Wholesome development of an individual. ● Knowledge of basic techniques involved in athletic events. ● Practical knowledge of techniques and skills involved in various games out of syllabus. ● Knowledge and benefit of yoga in day to day life.
	MUSIC	2/week	<ul style="list-style-type: none"> ● Introduction of Swara,raga,Taal, alankars ● To develop interest in classical music.
	DANCE	2/week	<ul style="list-style-type: none"> ● Whole some development of individual. ● Introduction to laya and Taal.

Name of the Program: B.Sc. Home Science (Semester-IV)

Program Code-0629

Course Code	Course Name	Credit Hours	Course Outcomes
4634	ART IN EVERYDAY LIFE	2/ Week	<ul style="list-style-type: none"> ● To gain better understanding of the application of Art Principles in interiors ● To understand the elements of Art and Design as applied to daily life ● To gather information and understand and enjoy visual arts.
4635	APPLIED NUTRITION - II	2/week	<ul style="list-style-type: none"> ● Acquire knowledge about the nutritional needs and concerns of specific age groups/physiological conditions.

4636	DEVELOPMENT IN EARLY CHILDHOOD	2/week	<ul style="list-style-type: none"> To develop awareness of important aspects of development during early childhood. To understand the influence and interaction of socio-cultural and environmental factors on development during early childhood.
4637	FUNDAMENTALS OF HOUSING	2/week	<ul style="list-style-type: none"> To give a comprehensive module in how best to plan and build home. To develop practical skills in planning different rooms.
4638	APPAREL CONSTRUCTION	2/week	<ul style="list-style-type: none"> Draft and construct different sleeves and collars. Make samples of plackets and pockets.
4639	APPLIED PHYSICS –II	2/week	<ul style="list-style-type: none"> To provide knowledge regarding the applications of physics in day to day life.
4640	APPLIED CHEMISTRY -II	2/week	<ul style="list-style-type: none"> To make the students aware of the basics and applications of chemistry in every day life.
	PHYSICAL EDUCATION	2/week	<ul style="list-style-type: none"> Wholesome development of an individual. Knowledge of basic techniques involved in athletic events. Practical knowledge of techniques, breathing pattern and do's and don'ts of various asanas. Knowledge of Paralympics games, prominent player and Awards.
	MUSIC	2/week	<ul style="list-style-type: none"> Introduction of <i>Swara, raga, Taal, alankars</i> To develop interest in classical music.
	DANCE	2/week	<ul style="list-style-type: none"> Whole some development of individual. Introduction to <i>laya and Taal</i>.

**Name of the Program: B.Sc. Home Science (Composite)
(Semester-V)**

Program Code-0630

Course Code	Course Name	Credit Hours	Course Outcomes
4642	NUTRITIONAL BIOCHEMISTRY-I	2/ Week	<ul style="list-style-type: none"> The Course lays the foundation for introduction to various types of biomolecules and their biochemical roles in different processes in living systems.

4643	NUTRITION MANAGEMENT IN HEALTH AND DISEASE-I	2/week	<ul style="list-style-type: none"> ● Understand the modifications of normal diet for therapeutic purposes. ● Understand the role of the dietician.
4644	ERGONOMICS AND HOUSEHOLD EQUIPMENT	2/week	<ul style="list-style-type: none"> ● To enlighten the student regarding the concept of Ergonomics and its role in improving work efficiency. ● To orient the student regarding new trends in household equipment their use and maintenance.
4645	DEVELOPMENT IN ADOLESCENTS	2/week	<ul style="list-style-type: none"> ● To familiarize students with psychological tools dealing with adolescents. ● To gain an insight into family relationships of adolescents. ● To create awareness about adolescent issues.
4646	TRADITIONAL EMBROIDERIES	2/week	<ul style="list-style-type: none"> ● To learn basic embroidery stitches ● To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries.
4647	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT	2/week	<ul style="list-style-type: none"> ● Familiarize the students with the process and skills of creation and management of enterprise. ● To plan, use, monitor and control resources optimally and economically.
4648	EXTENSION EDUCATION-I	2/week	<ul style="list-style-type: none"> ● To prepare the students in developing various teaching methods and aids used in home science extension. ● To develop the skills of students used in participatory approaches in program planning and evaluation.

Name of the Program: B.Sc. Home Science (Semester-VI)

Program Code-0631

Course Code	Course Name	Credit Hours	Course Outcomes
4663	NUTRITIONAL BIOCHEMISTRY-II	2/ Week	<ul style="list-style-type: none"> ● The Course lays the foundation for understanding the functioning of metabolic processes at cellular level, and the role of various nutrients in these processes
4664	NUTRITION MANAGEMENT IN HEALTH AND DISEASE-II	2/week	<ul style="list-style-type: none"> ● Understand the modifications of normal diet for therapeutic purposes. ● Understand the role of the dietician.

4665	CONSUMER EDUCATION	2/week	<ul style="list-style-type: none"> ● To enable students become potential consumer by knowing consumer rights and responsibilities. ● To impart education regarding sound buying practices, frauds and malpractices related to consumer goods. ● To orient the students regarding product safety aids and ensuring the quality purchase. ● To enlighten the students regarding the consumer protection laws & procedure for redressal.
4666	DEVELOPMENT IN EARLY AND LATE CHILDHOOD	2/week	<ul style="list-style-type: none"> ● To study and understand development during early and late adulthood ● To gain an insight into problems of early and late adulthood . ● To generate awareness related to issues concerning early and late adulthood. ● To familiarize students with psychological tests for assessing problems of early and late adulthood.
4667	TRADITIONAL TEXTILES	2/week	<ul style="list-style-type: none"> ● Knowledge of motifs and designs of Traditional Textiles. ● Textures and colours used in Traditional Textiles. ● Techniques of Tie and Dye and Printing.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT II	2/week	<ul style="list-style-type: none"> ● Develop the ability to select potential areas for self-employment. ● To acquire the knowledge of optimum use of human resources.
4669	EXTENSION EDUCATION-II	2/week	<ul style="list-style-type: none"> ● To prepare the students in developing various teaching methods and aids used in home science extension. ● To develop the skills of students used in participatory approaches in program planning and evaluation.

Name of the Program: B.Sc. Home Science (Semester-V)

Program Code-0630

Course Code	Course Name	Credit Hours	Course Outcomes
	COMPUTER AIDED DESIGN- I	2/ Week	<ul style="list-style-type: none"> ● To acquaint students with the tools of Paint and Corel Draw.
4646	TRADITIONAL EMBROIDERIES	2/week	<ul style="list-style-type: none"> ● To learn basic embroidery stitches ● To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries.

4656	FASHION CONCEPTS AND ILLUSTRATIONS	2/week	<ul style="list-style-type: none"> ● Figure drawing ● Illustration of garment details ● Rendering different textures ● Sketching of fashion accessories
4657	TEXTILE DESIGN	2/week	<ul style="list-style-type: none"> ● Different types of lines, shapes and textures. ● Colour wheel and colour schemes. ● Motif and its various types.
4658	APPAREL DESIGN AND CONSTRUCTION	2/week	<ul style="list-style-type: none"> ● Design the garments. ● Style read the design. ● Construct the garments.
4647	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT	2/week	<ul style="list-style-type: none"> ● Stimulating the potential to develop entrepreneurial orientation through innovation and creativity ● To orient the students with basic principles involved in starting and managing a new enterprise
4648	EXTENSION EDUCATION-I	2/week	<ul style="list-style-type: none"> ● To prepare the students in developing various teaching methods and aids used in home science extension. ● To develop the skills of students used in participatory approaches in program planning and evaluation.

Name of the Program: B.Sc. Home Science (Apparel and Textile Design) (Semester-VI)			
Program Code-0631			
Course Code	Course Name	Credit Hours	Course Outcomes
	COMPUTER AIDED DESIGN- II	2/ Week	<ul style="list-style-type: none"> ● To acquaint students with the tools of Photoshop and Tuka Design. ● Detailed study of different tools of Photoshop. ● Creating textile prints by using different placements. ● Designing a mood board according to the selected theme. ● Detailed study of different tools of Tuka Design. ● Drafting of Child's Bodice Block with Sleeve.
4676	HISTORY OF WORLD COSTUMES	2/week	<ul style="list-style-type: none"> ● To acquaint the students with costumes of different civilizations ● To enable the students to design contemporary costumes by taking inspiration from various sources of Ancient world civilizations.

	LINE DEVELOPMENT AND PORTFOLIO	4pds/week	<ul style="list-style-type: none"> ● To enable students to showcase the collection. ● To impart skills of portfolio development
4678	NEEDLE CRAFT	2/week	<ul style="list-style-type: none"> ● Understand technique of patch work, quilting, applique and macrame. ● Understand the process of design and product development.
4667	TRADITIONAL TEXTILES	2/week	<ul style="list-style-type: none"> ● Knowledge of motifs and designs of Traditional Textiles. ● Textures and colours used in Traditional Textiles. ● Techniques of Tie and Dye and Printing.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT II	2/week	<ul style="list-style-type: none"> ● Develop the ability to select potential areas for self-employment. ● To acquire the knowledge of optimum use of human resources.
4669	EXTENSION EDUCATION-II	2/week	<ul style="list-style-type: none"> ● To develop skills in the use of participatory approaches in programme planning and evaluation. ● To enable the students to carry out their social responsibility by extending their knowledge and services to the people in need.

**Name of the Program: B.Sc. Home Science (Dietetics)
(Semester-V)**

Program Code- 0630

Course Code	Course Name	Credit Hours	Course Outcomes
4642	NUTRITIONAL BIOCHEMISTRY-I	2/Week	<ul style="list-style-type: none"> ● The Course lays the foundation for introduction to various types of biomolecules and their biochemical roles in different processes in living systems.
4649	COMMUNITY NUTRITION AND PUBLIC HEALTH-I	2/week	<ul style="list-style-type: none"> ● To understand the causes/determinants and distribution of nutrition problems in the community. ● To orient the students with all the important methodologies applied in nutritional assessment and surveillance of human groups. ● To understand the consequences of nutritional problems and familiarize them with various approaches to nutrition and health intervention programs and policies

4650	INSTITUTIONAL FOOD SERVICE AND QUALITY MANAGEMENT-I	2/week	<ul style="list-style-type: none"> To develop a knowledge base in key areas of institutional food management. To impart necessary expertise to run a food service unit. To provide practical level experience in managing food service management. To critically evaluate the functioning of food service units.
4643	NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASE-I	2/week	<ul style="list-style-type: none"> Know the principles of diet therapy. Understand the modifications of normal diet for therapeutic purposes Understand the role of the dietician
4651	FUNDAMENTALS OF FOOD SCIENCE- I	2/week	<ul style="list-style-type: none"> Understand the basic concepts of food science and its applications in processing of food. Learn about the quality parameters of various foods. Gain practical knowledge about food components and their role in cooking.
4647	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I	2/week	<ul style="list-style-type: none"> To prepare the students in developing various teaching methods and aids used in home science extension. To develop the skills of students used in participatory approaches in program planning and evaluation.
4648	EXTENSION EDUCATION-I	2/week	<ul style="list-style-type: none"> To prepare the students in developing various teaching methods and aids used in home science extension. To develop the skills of students used in participatory approaches in program planning and evaluation

Name of the Program: B.Sc. Home Science Dietetics (Semester-VI)

Program Code:0631

Course Code	Course Name	Credit Hours	Course Outcomes
4663	NUTRITIONAL BIOCHEMISTRY –II	2/week	<ul style="list-style-type: none"> The Course lays the foundation for understanding the functioning of metabolic processes at cellular level, and the role of various nutrients in these processes
4670	COMMUNITY NUTRITION AND PUBLIC HEALTH-II	2/week	<ul style="list-style-type: none"> To understand the causes/determinants and distribution of nutrition problems in the community. To orient the students with all the important methodologies applied in nutritional assessment and surveillance of human groups. To understand the consequences of nutritional problems and familiarize them with various approaches to nutrition and health intervention programs and policies.

4671	INSTITUTIONAL FOOD SERVICE AND QUALITY MANAGEMENT-II	2/week	<ul style="list-style-type: none"> To develop a knowledge base in key areas of institutional food management. To impart necessary expertise to run a food service unit. To provide practical level experience in managing food service management. To critically evaluate the functioning of food service units.
4664	NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASE- II	2/week	<ul style="list-style-type: none"> Know the principles of diet therapy. Understand the modifications of normal diet for therapeutic purposes. Understand the role of the dietician.
4672	FUNDAMENTALS OF FOOD SCIENCE- II	2/week	<ul style="list-style-type: none"> Understand the basic concepts of food science and its applications in processing of food. Learn about the quality parameters of various foods. Gain practical knowledge about food components and their role in cooking.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II	2 Hrs. / per week	<ul style="list-style-type: none"> Develop the ability to select potential areas for self-employment. To acquire the knowledge of optimum use of human resources.
4669	EXTENSION EDUCATION-II	2 hours/ week	<ul style="list-style-type: none"> To enable the students to carry out their social responsibility by extending their knowledge and services to the people in need. To develop skills in the use of participatory approaches in programme planning and evaluation

Name of the Program: B.Sc. Home Science Interior Design & Resource Management (IDRM) (Semester-V)

Program Code- 0630

Course Code	Course Name	Credit Hours	Course Outcomes
4652	BUILDING MATERIALS AND CONSTRUCTION TECHNIQUES – I	2/Week	<ul style="list-style-type: none"> An interior designer is supposed to make use of various types of materials for conceptualizing, designing and executions of interior design projects
4654	WORK PLACE DESIGN - I	4/week	<ul style="list-style-type: none"> Acquire skill in arranging different areas of a residential building by using principles of design. To develop the creative potential of the students through design exercises. To enable the students to plan & execute residential projects according to design standards.

4655	FURNITURE DESIGN & INTERIOR GRAPHICS	2/week	<ul style="list-style-type: none"> To acquaint the student, with symbols and to impart necessary drafting skills and to express design ideas. To develop skills in drafting and rendering which will be utilized for interpreting / reading drawings. Development skills to make various projections. To develop skills in students to design different furniture items. To enable the students to work in furniture industry. .
****	FUNDAMENTALS OF AUTO CAD	4/week	<ul style="list-style-type: none"> The students will learn to use AutoCAD as a drafting tool to produce accurate presentation and working drawings of their design projects and all furniture designs.
4644	ERGONOMICS & HOUSEHOLD EQUIPMENT	2/week	<ul style="list-style-type: none"> To enlighten the student regarding the concept of Ergonomics and its role in improving work efficiency.
	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I	2/week	<ul style="list-style-type: none"> Familiarize the students with the process and skills of creation and management of enterprise. To plan, use, monitor and control resources optimally and economically.
4648	EXTENSION EDUCATION-I	2/week	<ul style="list-style-type: none"> To prepare the students in developing various teaching methods and aids used in home science extension. To develop the skills of students used in participatory approaches in program planning and evaluation.

Name of the Program: B. Sc. Home Science Interior Design & Resource Management (IDRM) (Semester-VI)

Program Code: 0631

Course Code	Course Name	Credit Hours	Course Outcomes
4673	BUILDING MATERIALS AND CONSTRUCTION TECHNIQUES – II	2/week	<ul style="list-style-type: none"> To enable the students to make use of various types of building materials in designing & planning of various design projects. To enable the students to execute construction work in various design projects.

4675	WORK PLACE DESIGN - II	4/week	<ul style="list-style-type: none"> Acquire skill in arranging different areas of offices & restaurants. To develop the creative potential of the students through design exercises. To enable the students to plan & execute interior projects according to design standards.
4676	SUSTAINABLE BUILDINGS	2/week	<ul style="list-style-type: none"> To provide knowledge to the students about the concept & importance of sustainable buildings. To enable the students to use sustainable building materials in design projects. On successful completion of the course the students should have understood the importance of green building technology. Acquired knowledge in recent green building materials and to trap rain water
****	ADVANCED AUTO CAD	5/week	<ul style="list-style-type: none"> The students will learn to use AutoCAD as a drafting tool to produce accurate presentation and working drawings of their design projects and all furniture designs.
4665	CONSUMER EDUCATION	2/week	<ul style="list-style-type: none"> To enable students become potential consumer by knowing consumer rights and responsibilities. To impart education regarding sound buying practices, frauds and malpractices related to consumer goods. To orient the students regarding product safety aids and ensuring the quality purchase. To enlighten the students regarding the consumer protection laws & procedure for redressal.
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II	2 Hrs. / per week	<ul style="list-style-type: none"> Develop the ability to select potential areas for self-employment. To acquire the knowledge of optimum use of human resources.
4669	EXTENSION EDUCATION-II	2 hours/ week	<ul style="list-style-type: none"> To enable the students to carry out their social responsibility by extending their knowledge and services to the people in need. To develop skills in the use of participatory approaches in programme planning and evaluation

**Name of the Program: B.Sc. Home Science (Human Development & Family Relations)
(Semester-V)**

Program Code- 0630

Course Code	Course Name	Credit Hours	Course Outcomes
4660	CHILDREN WITH SPECIAL NEEDS-I	2/Week	<ul style="list-style-type: none"> To create awareness about nature and rehabilitation of children with special needs. To develop skills of dealing with children with special need

4646	DEVELOPMENT IN ADOLESCENCE	2/week	<ul style="list-style-type: none"> • To familiarize students with psychological tools dealing with adolescents. • To gain an insight into family relationships of adolescents. • To create awareness about adolescent issues.
4661	INTRODUCTION TO GUIDANCE AND COUNSELLING	3/week	<ul style="list-style-type: none"> • To give a hands-on experience to the students about guidance and counselling in practice. • To facilitate the students in understanding the issues in community in need of guidance and counselling. •
4662	CHILDREN AT RISK	3/week	<ul style="list-style-type: none"> • To give experience of working with children at risk. • To create awareness of various intervention programs for children at risk. • To plan intervention programmes for helping children at risk.
4647	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-I	2/week	<ul style="list-style-type: none"> • Familiarize the students with the process and skills of creation and management of enterprise. • To plan, use, monitor and control resources optimally and economically.
4648	EXTENSION EDUCATION-I	2/week	<ul style="list-style-type: none"> • To prepare the students in developing various teaching methods and aids used in home science extension. • To develop the skills of students used in participatory approaches in program planning and evaluation.

**Name of the Program: B.Sc. Home Science (Human Development & Family Relations)
(Semester- VI)**

Program Code: 0631

Course Code	Course Name	Credit Hours	Course Outcomes
4680	CHILDREN WITH SPECIAL NEEDS-II	2/week	<ul style="list-style-type: none"> • To provide basic understanding of special education. • To generate awareness related to conceptual framework in special education. • To generate awareness related to the needs and rights of special children
4666	DEVELOPMENT IN EARLY AND LATE ADULTHOOD	2/week	<ul style="list-style-type: none"> • To study and understand development during early and late adulthood • To gain an insight into problems of early and late adulthood. • To generate awareness related to issues concerning early and late adulthood. • To familiarize students with psychological tests for assessing problems of early and late adulthood.
4681	MARRIAGE AND FAMILY	3/week	<ul style="list-style-type: none"> • To sensitize the students on changing trends in family structure and family relationships. • To introduce the concept of premarital counselling • To promote understanding of issues among a couple with poor marital relationships
4682	OLD AGE	3/week	<ul style="list-style-type: none"> • To sensitize the students to the issues related to old age. • To develop skills for organizing activities for the elderly
4668	ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT-II	2/week	<ul style="list-style-type: none"> • Develop the ability to select potential areas for self-employment. • To acquire the knowledge of optimum use of human resources.
4669	EXTENSION EDUCATION-II	2 Hrs./ per week	<ul style="list-style-type: none"> • To enable the students to carry out their social responsibility by extending their knowledge and services to the people in need. • To develop skills in the use of participatory approaches in programme planning and evaluation.

5. Additional Information regarding Course Outcomes B.Sc. Fashion Designing (Theory)

Name of the Program : B.Sc. Fashion Designing (Semester-I)			
Program Code-51			
Course Code	Course Name	Credit Hours	Course Outcomes
1031	GARMENT CONSTRUCTION -I THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of machines and tools used for sewing. To impart knowledge of different garment components.
1032	TEXTILE SCIENCE-I (THEORY)	3pds/week	<ul style="list-style-type: none"> To impart knowledge of fibers, sources of fibres and their properties
1033	ENGLISH-I (THEORY)	5pds/week	<ul style="list-style-type: none"> The objective of teaching English to the Fashion Designing students is to create general awareness among them about literature and its impact on their lives. At the same time, it is expected that the students, on reading this course, shall develop proficiency in reading and writing skills.
Name of the Program: B.Sc. Fashion Designing (Semester II)			
Program Code-52			
Course Code	Course Name	Credit Hours	Course Outcomes
1035	GARMENT CONSTRUCTION-II THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of handling of different fabrics and their suitability. To impart knowledge of different garment components.
1036	TEXTILES SCIENCE-II THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of Types of yarns Types of spinning Laundry reagents.
1037	ENGLISH-I (THEORY)	5pds/week	<ul style="list-style-type: none"> The objective of teaching English to the Fashion Designing students is to create general awareness among them about literature and its impact on their lives. At the same time, it is expected that the students, on reading this course, shall develop proficiency in reading and writing skills.
Name of the Program: B.Sc. Fashion Designing (Semester-III)			
Program Code-53			
Course Code	Course Name	Credit Hours	Course Outcomes
1038	TRADITIONAL TEXTILES THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of traditional textiles. To impart knowledge of different fabrics, stitches, motifs and colors used intraditional embroideries.

1039	PATTERN MAKING-I THEORY	4pds/week	<ul style="list-style-type: none"> To impart knowledge of different aspects of Pattern Making.
1040	FABRIC CONSTRUCTION I THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of fabric manufacture and fabric properties. To enable students to understand fabric structures and to analyse them.
1041	FASHION CONCEPTS – I THEORY	3pds/week	<ul style="list-style-type: none"> To create awareness about clothing culture. To Impact knowledge of clothing communication and fashion expression.

Name of the Program: B.Sc. Fashion Designing (Semester-IV)

Program Code-54

Course Code	Course Name	Credit Hours	Course Outcomes
1045	HISTORY OF INDIAN COSTUMES THEORY	4pds/week	<ul style="list-style-type: none"> To acquaint the students with different types of Ancient Indian costumes.
1046	TRADITIONAL EMBROIDERIES THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of various motifs, colours and designs used in Traditionalembroideries of India. To impart knowledge of stitches andtechniques used in traditional embroideries of
1047	FABRIC CONSTRUCTION-II THEORY	3pds/week	<ul style="list-style-type: none"> To impart knowledge of fabric manufacture and fabric properties. To enable students to understand fabric structures and to analysis them.
1918	FASHION CONCEPTS-II THEORY	3pds/week	<ul style="list-style-type: none"> To create awareness about clothing culture. To Impact knowledge of clothing communication and fashion expression.

Name of the Program: B.Sc. Fashion Designing (Semester-V)

Program Code-55

Course Code	Course Name	Credit Hours	Course Outcomes
1910	HISTORY OF WORLD COSTUMES THEORY	4pds/week	<ul style="list-style-type: none"> To acquaint the students with different types of world costumes.
1053	APPAREL MANUFACTURING TECHNOLOGY THEORY	3pds/week	<ul style="list-style-type: none"> To impart quality consciousness and awareness of quality parameters required for apparelquality products.
1911	TEXTILE DYEING THEORY	3pds/week	<ul style="list-style-type: none"> To acquaint students with different types of dyeing and methods of dyeing.
****	INDUSTRIAL TRAINING	6 weeks	<ul style="list-style-type: none"> To enable the students to understand the textile industry setup and management.

Name of the Program: B.Sc. Fashion Designing (Semester-VI)			
Program Code-56			
Course Code	Course Name	Credit Hours	Course Outcomes
1054	MARKETING AND MERCHANDISING THEORY	3pds/week	<ul style="list-style-type: none"> To acquaint students with knowledge of marketing and its environment To make them understand the importance of fashion forecasting.
1055	TEXTILE PRINTING AND FINISHING THEORY	4pds/week	<ul style="list-style-type: none"> To acquaint the students with different types of printing and finishes applied on different fabrics.
1056	ENTREPRENEURSHIP DEVELOPMENT THEORY	3pds/week	<ul style="list-style-type: none"> To prepare the platform where the students view entrepreneurship and self-employment as a desirable career option. Stimulating the potential to develop entrepreneurial orientation to innovation and creativity. To orient the students with basic principles involved in starting and managing a new enterprise.

6. Additional Information regarding Course Outcomes B.Sc. Fashion Designing (Practical)

Name of the Program: B.Sc. Fashion Designing (Semester-I)			
Program Code-51			
Course Code	Course Name	Credit Hours	Course Outcomes
****	BASICS OF DESIGN-I	2pds/week	<ul style="list-style-type: none"> Various drawing tools and colouring mediums Types of lines and shapes Colour and its dimensions
****	NEEDLE CRAFT-I	4pds/week	<ul style="list-style-type: none"> To impart knowledge of various techniques of patchwork, appliqué and open work. To enable the students to apply these techniques to develop various products.
1031	GARMENT CONSTRUCTION-I	3pds/week	<ul style="list-style-type: none"> Various basic hand stitches Seams and seam finishes
1032	TEXTILE SCIENCE-I	2pds/week	<ul style="list-style-type: none"> To help the students to identify various classes of textiles fibers. To help students to understand various types of yarns and fabric properties
****	GARMENT DESIGN-I	3pds/week	<ul style="list-style-type: none"> To enable students to understand Various fashion details and their sketching

****	BASICS OF COMPUTER SKILLS	2pds/week	<ul style="list-style-type: none"> To impart basic computer knowledge to students. To enable the students to concept of fundamentals and its applications
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Name of the Program: B.Sc. Fashion Designing (Semester-II)			
Program Code-52			
Course Code	Course Name	Credit Hours	Course Outcomes
****	BASICS OF DESIGN-II	2pds/week	<ul style="list-style-type: none"> To enable students to understand Types of motifs and their placements
****	NEEDLE CRAFT-II	4pds/week	<ul style="list-style-type: none"> To impart knowledge of various techniques of smoking, quilting and ribbon work. To enable the students to apply these techniques to develop various products.
1035	GARMENT CONSTRUCTION-II	3pds/week	<ul style="list-style-type: none"> To learn various construction techniques.
1036	TEXTILE SCIENCE-II	2pds/week	<ul style="list-style-type: none"> Identify and remove various stains. Prepare various stiffening agents wash and finish various garments. Instructions for paper setters
	GARMENT DESIGN-II	3pds/week	<ul style="list-style-type: none"> Design children garments Interpret style and estimate material for different garments
	COMPUTER APPLICATIONS	2pds/week	<ul style="list-style-type: none"> To impart computer knowledge to students through practical.

Name of the Program: B.Sc. Fashion Designing (Semester-III)			
Program Code-53			
Course Code	Course Name	Credit Hours	Course Outcomes
****	FASHION ILLUSTRATION ON COMPUTER	4pds/week	<ul style="list-style-type: none"> To acquaint students with knowledge of CAD based application in fashion designing
****	GARMENT DESIGN III	4pds/week	<ul style="list-style-type: none"> To enable students to understand Designing of adult garments Style interpretation and material estimation of different garments

1038	TRADITIONAL TEXTILES	2hrs/week	<ul style="list-style-type: none"> To enable students to understand. Traditional /Regional Crafts and Textiles. Care & storage techniques of Traditional Textiles and Costumes exhibited in various museums.
****	GARMENT CONSTRUCTION III	4pds/week	<ul style="list-style-type: none"> To acquire construction skills for children's garments.
1039	PATTERN MAKING I	4pds/week	<ul style="list-style-type: none"> To teach different aspects of pattern making.
1040	FABRIC CONSTRUCTION	2pds/week	<ul style="list-style-type: none"> To understand different weaves. Instructions for paper setters

Name of the Program: B.Sc. Fashion Designing (Semester-IV)			
Program Code- 54			
Course Code	Course Name	Credit Hours	Course Outcomes
****	FASHION ILLUSTRATION	4pds/week	To enable students to <ul style="list-style-type: none"> Knowledge of figure sketching and fleshing Rendering of textures Sketching and illustration of Hand bags and Foot wears
1046	TRADITIONAL EMBROIDERIES	3pds/week	<ul style="list-style-type: none"> To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries
1047	FABRIC CONSTRUCTION-II	2pds/week	<ul style="list-style-type: none"> To acquire skills for various fabric construction techniques.
****	GARMENT CONSTRUCTION-IV	4pds/week	<ul style="list-style-type: none"> To acquire construction skills for basic garments for children.
****	PATTERN MAKING-II	4pds/week	<ul style="list-style-type: none"> To teach different aspects of pattern making.
****	KNITTING	2pds/week	<ul style="list-style-type: none"> To enable students to develop practical skills of knitting.

Name of the Program: B.Sc. Fashion Designing (Semester-V)			
Program Code-55			
Course Code	Course Name	Credit Hours	Course Outcomes
****	PATTERN AND MARKER MAKING ON COMPUTER-I	4pds/week	<ul style="list-style-type: none"> To apply the knowledge of pattern making software for making patterns and grading. To develop the skill of computer aided pattern making.
****	PATTERN MAKING-III	4pds/week	<ul style="list-style-type: none"> To impart pattern development skills to the students
****	LINE DEVELOPMENT & PORTFOLIO-I	6pds/week	<ul style="list-style-type: none"> To enable the students to apply the principles and knowledge of garment design development to create a collection. To understand the meaning and importance of making a good portfolio. Identify, organize, and gather documentation to build portfolios.
****	GARMENT CONSTRUCTION-V	4pds/week	<ul style="list-style-type: none"> To acquire construction skills for different garments.
1911	TEXTILE DYEING	2pds/week	<ul style="list-style-type: none"> To enable students to develop practical skills of dyeing evaluation of fabric through colour fastness.

Name of the Program: B.Sc. Fashion Designing (Semester-VI)			
Program Code-56			
Course Code	Course Name	Credit Hours	Course Outcomes
****	PATTERN AND MARKER MAKING ON COMPUTER-II	4pds/week	<ul style="list-style-type: none"> To apply the knowledge of pattern making software for making patterns and grading..

1054	MARKETING AND MERCHANDISING	2pds/week	<ul style="list-style-type: none"> • To acquire knowledge about various brands of apparel and accessories. • To gain knowledge about various display materials and installations and different kind of storage displays
****	PATTERN MAKING IV	4pds/week	<ul style="list-style-type: none"> • To impart draping and grading skills to the students.
****	LINE DEVELOPMENT & PORTFOLIO-II	4pds/week	<ul style="list-style-type: none"> • To enable students to show case the collection. • To understand the meaning and importance of making a good portfolio. • Identify and reflect on areas of their own learning from both formal and informal settings. • Identify, organize, and gather documentation to build portfolios
****	GARMENT CONSTRUCTION-VI	4pds/week	<ul style="list-style-type: none"> • To acquire construction skills for basic garments.
1055	TEXTILE PRINTING AND FINISHING	4pds/week	<ul style="list-style-type: none"> • To enable students to develop practical skills of printing and dyeing.
****	SEMINAR	2pds/week	<ul style="list-style-type: none"> • To enable the students to gather information on the topics related to fashion designing.

7. Additional Information regarding Course Outcomes

M.Sc. Home Science (Theory)

Name of the Program: M.Sc. Home Science (Clothing & Textiles)			
(Semester-I)			
Program Code-644			
Course Code	Course Name	Credit Hours	Course Outcomes
4579	FABRIC SCIENCE (THEORY)	3/week	<ul style="list-style-type: none"> To understand the chemistry of textile fibers properties and uses of technical textiles
4565	RESEARCH METHODOLOGY AND STATISTICS (COMMON TO ALL STREAMS) (THEORY)	3/week	<ul style="list-style-type: none"> To know the significance of statistics and research methodology in Home Science research. Types, tools, and methods of research and develop the ability to construct data gathering instruments appropriate to the research design. To know about the appropriate statistical technique for based on the specific research design.

Name of the Programme: M.Sc. Home Science (Clothing & Textiles)			
(Semester II)			
Program Code-645			
Course Code	Course Name	Credit Hours	Course Outcomes
4699	TEXTILE TESTING (THEORY)	3/week	<ul style="list-style-type: none"> To impart knowledge about physical properties of textile fibers, yarns and fabrics various testing equipment's and methods
4700	FASHION COMMUNICATION (THEORY)	2/week	<ul style="list-style-type: none"> To enable the students to understand- Fashion Communication Concept of creative writing Role of photography in fashion world. Event management, advertisement and publicity.
4701	QUALITY CONTROL IN APPAREL AND TEXTILES (THEORY)	2/week	<ul style="list-style-type: none"> To impart knowledge about Various standard organization Various legislations regarding fiber identification Role of textile testing in quality control
4702	ENTREPRENEURSHIP (THEORY)	2/week	<ul style="list-style-type: none"> To acquaint the students with various entrepreneurial skills To make the students aware about creation and management of

			enterprise.
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Name of the Program: M.Sc. Home Science (Clothing & Textiles) (Semester-III)			
Program Code-646			
Course Code	Course Name	Credit Hours	Course Outcomes
4584	DYEING AND FINISHING (THEORY)	3/week	To understand-: <ul style="list-style-type: none"> • Textile dyeing • Softening of water • Theories of dyeing • Textile finishes
4525	TEXTILE DESIGNING (THEORY)	2/week	<ul style="list-style-type: none"> • To enable the students to understand various aspect of Textile Designing • Methods of textile printing
4586	HISTORIC COSTUMES (THEORY)	3/week	<ul style="list-style-type: none"> • To study the costumes in the ancient world. • To know about the conservation of costumes and textiles • To become familiar with the styles and special features in costume from ancient world.

Name of the Program: M.Sc. Home Science (Clothing & Textiles) (Semester-IV)			
Program Code-647			
Course Code	Course Name	Credit Hours	Course Outcomes
4695	FASHION RETAILING AND MERCHANDISING (THEORY)	3pds/week	•To acquaint the students with the knowledge of fashion retailing and marketing. To make students understand fashion merchandising

**Name of the Program: M.Sc. Home Science (Foods & Nutrition)
(Semester-I)**

Program Code-640

Course Code	Course Name	Credit Hours	Course Outcomes
4561	NUTRITIONAL BIOCHEMISTRY-I (THEORY)	4/week	<ul style="list-style-type: none"> • To augment the biochemistry knowledge acquired at the undergraduate level. • To understand the mechanism adopted by the human body for various metabolic pathways.
4562	HUMAN NUTRITION (THEORY)	3/week	<ul style="list-style-type: none"> • To enable the students to understand what happens to the ingested nutrients at the cellular level and the nutrient interactions • To present and discuss methods of determining nutrient requirements for humans and discuss the current figures of nutritional requirements • To enable them to translate the knowledge into practical guidelines for dietary needs of humans at different stages of life
4563	PUBLIC HEALTH NUTRITION-I(THEORY)	2/week	<ul style="list-style-type: none"> • To understand the concept of Public Health Nutrition and health care delivery system. • To understand the causes and consequences of nutritional problems in the community. • To orient the students with the strategies for improving the nutritional status of communities. • To understand the concept of food and nutrition security. • To learn about the various Government programmers aimed at improving health and nutritional status of the population.
4564	HUMAN PHYSIOLOGY (THEORY)	3/week	<ul style="list-style-type: none"> • To enable the students to understand the relevant issues and topics of human physiology. • To enable them to understand the integrated functions of all systems and the grounding of nutritional sciences in physiology.
4565	RESEARCH METHODOLOGY AND STATISTICS (COMMON TO ALL STREAMS) THEORY	3/week	<ul style="list-style-type: none"> • To know the significance of statistics and research methodology in Home Science research. • Types, tools, and methods of research and develop the ability to construct data gathering instruments appropriate to the research design. • To know about the appropriate statistical technique for based on the specific

			research design.
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Name of the Program: M.Sc. Home Science (Foods & Nutrition)			
(Semester-II)			
Program Code-641			
Course Code	Course Name	Credit Hours	Course Outcomes
4688	BIOCHEMICAL FOOD ANALYSIS AND INSTRUMENTATION (THEORY)	2/week	<ul style="list-style-type: none"> • To augment the biochemistry knowledge acquired at the undergraduate level. • To understand the principles and use of instruments used for biochemical analysis of foods.
4689	CLINICAL AND THERAPEUTIC NUTRITION -I (THEORY)	3/week	<ul style="list-style-type: none"> • The course is aimed at giving advanced knowledge in the field of clinical nutrition and dietetics. • The course will enable the students to gain current knowledge about classification, pathogenesis, diagnosis, etiology, symptoms and dietetic management of various diseases.
4690	PUBLIC HEALTH NUTRITION II (THEORY)	2/week	<ul style="list-style-type: none"> • To understand the process of planning, monitoring and evaluation of public health nutrition programmes. • To give an understanding about IEC and to develop skills in preparation of communication aids for the community. • To be familiar with the ongoing national nutrition programmes.
4691	ADVANCES IN NUTRITION (THEORY)	2/week	<ul style="list-style-type: none"> • To enable the students to understand the merging concepts of nutrition and recent trends in the field of nutrition. • To understand the role and interaction of nutrition and other allied disciplines in health management. • To keep the students updated with recent innovations and procedures in the food industry.
4692	NUTRITIONAL ANTHROPOLOGY (THEORY)	2/week	<ul style="list-style-type: none"> • To strengthen students' knowledge and skills in understanding and applying Nutrition Anthropology for nutritional status improvements. • To train students to apply the concepts and practices of nutritional anthropology to the design, implementation and monitoring – evaluation of nutrition projects and interventions. • To enable students, understand the linkages between applied research in nutrition anthropology and program

			improvements.
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**Name of the Program: M.Sc. Home Science (Foods & Nutrition)
(Semester-III)**

Program Code-642

Course Code	Course Name	Credit Hours	Course Outcomes
4693	FOOD MICROBIOLOGY AND QUALITY CONTROL (THEORY)	4/week	<ul style="list-style-type: none"> • To understand the nature of microorganisms involved in food spoilage, food infections and intoxications and also those used in food biotechnology (food fermentation and various food processing industries) • To gain knowledge of principles of various techniques used in the prevention and control of the microorganisms in foods (food preservation) • To understand criteria for microbiological safety in various foods operations to avoid public health hazards due to food contamination
4694	CLINICAL AND THERAPEUTIC NUTRITION II (THEORY)	4/week	<ul style="list-style-type: none"> • The course is aimed at giving advanced knowledge in the field of clinical nutrition and dietetics • The course will enable the students to gain current knowledge about classification, pathogenesis, diagnosis, etiology, symptoms and dietetic management of various diseases • The course will also enable the students to get acquainted with the recent researches and trends in clinical nutrition.
4780	FOOD SERVICE MANAGEMENT(THEORY)	4/week	<ul style="list-style-type: none"> • To understand the different kinds of food service units and system. • To provide practical level experience in managing food service units. • To import necessary expertise to run a food service unit. • To critically evaluate the functioning of food service units. •
4911	NUTRITIONAL MANAGEMENT IN SPORTS AND FITNESS (THEORY)	4/week	<ul style="list-style-type: none"> • Understand the components of health and fitness and the role of nutrition in these. • To develop knowledge on sports specific nutrition and their guidelines. • To help students understand the role of ergogenic aids- their dose, safety and

			efficacy to enhance sports performance.
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Name of the Program: M.Sc. Home Science (Foods & Nutrition)			
(Semester-IV)			
Program Code-643			
Course Code	Course Name	Credit Hours	Course Outcomes
4696	PRINCIPLES OF FOOD SCIENCE (THEORY)	4/week	<ul style="list-style-type: none"> • Understand the basic concepts of food science and its applications in processing of food. • Learn about the quality parameters of various foods. • Gain practical knowledge about food components and their role in cooking.
4697	ENTREPRENEURIAL VENTURES IN FOOD INDUSTRY (THEORY)	4/week	<ul style="list-style-type: none"> • To motivate the students to undertake entrepreneurial ventures in food industry • To enable them to translate entrepreneurial knowledge into income generation and self-employment • To disseminate knowledge about setting up of startups and small enterprises in relation to food industry.
4912	ALTERNATIVE MEDICINE AND NUTRITION (THEORY)	4/week	<ul style="list-style-type: none"> • To enable the students to understand the herbal medicine and its role in field of nutrition. • To understand the role and interaction of nutrition and other allied disciplines in health management. • To keep the students updated with recent advancement in field of modern medicine and use of herbal medicine.

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
(Semester-I)**

Program Code-648

Course Code	Course Name	Credit Hours	Course Outcomes
4589	SOCIALIZATION IN VARIOUS FAMILY CONTEXTS ACROSS DIFFERENT CULTURE (THEORY)	4/ week	<ul style="list-style-type: none"> • To understand family as a component of socio-cultural milieu and context. • To create awareness regarding structures, function, needs and strengths of families with specific reference to the Indian family. • To realize and appreciate universals and variations in family life patterns across cultures
4590	EARLY CHILDHOOD CARE AND EDUCATION (THEORY)	3/week	<ul style="list-style-type: none"> • To gain knowledge regarding significance, principles of ECCE. • To develop skills and techniques to plan activities in ECCE centers of different types. • To gain an insight regarding the basic requirements and infrastructure of various ECCE centers.
4591	ASSESSMENT IN HUMAN DEVELOPMENT (THEORY)	2/ week	<ul style="list-style-type: none"> • To gain insight into the nature and techniques of assessment in human development. • To gain knowledge regarding important aspects of test construction and application. Contents
4565	RESEARCH METHODOLOGY AND STATISTICS (COMMON TO ALL STREAMS) (THEORY)	3 /week	<ul style="list-style-type: none"> • To know the significance of statistics and research methodology in Home Science research. • Types, tools, and methods of research and develop the ability to construct data gathering • Instruments appropriate to the research design. • To know about the appropriate statistical technique for based on the specific research design.

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
(Semester-II)**

Program Code-649

Course Code	Course Name	Credit Hours	Course Outcomes
4709	THEORIES OF DEVELOPMENTAL PSYCHOLOGY (THEORY)	4/week	<ul style="list-style-type: none"> • To understand the need for theory in Human Development and Family Relations. • To examine theories in context. • To understand the practical applications of a theory. • To critically evaluate the applicability of theories.
4710	GUIDANCE AND COUNSELING ACROSS THE LIFE SPAN (THEORY)	3/ week	<ul style="list-style-type: none"> • To introduce basic concepts in guidance and counselling. • To understand the need for guidance and counselling in human development. • To discuss the processes involved in counselling at different stages in life
4713	PHYSICAL GROWTH AND DEVELOPMENT (THEORY)	3/ week	<ul style="list-style-type: none"> • To understand the concept of growth and development • To understand the role of nutrition in the development of an individual • To discuss the factors affecting physical growth and development
4711	DEVELOPMENT OF CREATIVITY IN CHILDREN (THEORY)	2/ week	<ul style="list-style-type: none"> • To understand the relevance and scope of studying creativity • To discuss the concept of creativity and various approaches to its study • To understand the role of the individual, the context and socialization in developing creativity
4712	MENTAL HEALTH IN DEVELOPMENTAL PERSPECTIVE (THEORY)	2/ week	<ul style="list-style-type: none"> • To understand the importance of mental health at different stages in life. • To develop skills for promoting mental health across the life span. • To identify mental health issues in the community and sensitizing its members. • To develop skills of organizing school mental health programs.

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
Semester-III**

Program Code-650

Course Code	Course Name	Credit Hours	Course Outcomes
	DISSERTATION (REVIEW OF LITERATURE AND DATA COLLECTION)	2/ week	<ul style="list-style-type: none"> • To understand an independent piece of research works in a relevant area of Human Development and Family Relations

4597	CARE AND EDUCATION OF CHILDREN WITH SPECIAL NEEDS (THEORY)	4/week	<ul style="list-style-type: none"> • To become aware of the various impairments and the manner in which these affect the lives of children. • To understand that there is a wide variation between children with impairments and that they are not a single group. • To apply the understanding gained from the experiences of children with impairments in planning services for them.
4598	PRINCIPLES OF DEVELOPMENT(THEORY)	4/week	<ul style="list-style-type: none"> • To gain advanced knowledge of developmental processes and principles • To understand the importance of biological basis in human development • To understand the importance of culture in human development
4599	WOMEN EMPOWERMENT (THEORY)	2/week	<ul style="list-style-type: none"> • To empower the students with knowledge about women empowerment. • To introduce students to the changing role and status of women in India, and the reality of women empowerment in the era of globalization. • To sensitize students on gender issues.

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
(Semester-IV)**

Program Code-651

Course Code	Course Name	Credit Hours	Course Outcomes
4904	LAW, POLICY AND PROGRAMMES FOR CHILDREN AND WOMEN (THEORY)	4/Week	<ul style="list-style-type: none"> • To develop an understanding of constitutional provisions and legislations with reference to children and women in India • To acquire knowledge of prevalent social policies as they relate to lives of children and women
4905	PERSONS WITH DISABILITIES (THEORY)	3/Week	<ul style="list-style-type: none"> • To become aware of various impairments and the manner in which these affect the lives of individuals. • To identify the physical and social barriers which create difficulties for people with disabilities. • To apply the understanding gained from the experiences of people with disabilities in planning services for them.

8. Additional Information regarding Course Outcomes M.Sc. Home Science (Practical)

Name of the Program: M.Sc. Home Science (Foods & Nutrition) Semester-I

Program code- 0640

Course code	Course Name (Practical)	Credit Hours	Course Outcomes
4683	NUTRITIONAL BIOCHEMISTRY	2p/week	<ol style="list-style-type: none"> 1. To augment the biochemistry knowledge acquired at the undergraduate level. 2. To understand the mechanism adopted by the human body for various metabolic pathways.
4685	PUBLIC HEALTH NUTRITION I	2p/week	<ol style="list-style-type: none"> 1. To understand the concept of Public Health Nutrition and health care delivery system. 2. To understand the causes and consequences of nutritional problems in the community. 3. To orient the students with the strategies for improving the nutritional status of communities. 4. To understand the concept of food and nutrition security. 5. To learn about the various Government programmes aimed at improving health and nutritional status of the population.
4687	RESEARCH METHODOLOGY AND STATISTICS	2p/week	<ol style="list-style-type: none"> 1. To provide hands on experience to students about data entry and analysis in Excel and SPSS 2. To familiarise the students with data handling in statistical software.

Name of the Program: M.Sc. Home Science (Foods & Nutrition) Semester-II

Program code- 0641

4842	BIOCHEMICAL FOOD ANALYSIS AND INSTRUMENTATION	2/week	<ol style="list-style-type: none"> 1. To augment the biochemistry knowledge acquired at the undergraduate level. 2. To understand the principles and use of instruments used for biochemical analysis of foods.
4689	CLINICAL AND THERAPEUTIC NUTRITION I	2p/week	<ol style="list-style-type: none"> 1. The course is aimed at giving advanced knowledge in the field of clinical nutrition and dietetics 2. The course will enable the students to gain current knowledge about classification, pathogenesis, diagnosis, aetiology, symptoms and dietetic management of various diseases 3. Planning the diet related to the disease

4690	PUBLIC HEALTH NUTRITION II	2p/week	<ol style="list-style-type: none"> 1. To understand the process of planning, monitoring and evaluation of public health nutrition programmes. 2. To give an understanding about IEC and to develop skills in preparation of communication aids for the community. 3. To be familiar with the ongoing national nutrition programmes.
	COMPUTER APPLICATIONS IN FOODS	2/week	<ol style="list-style-type: none"> 1. To enable the students to learn to use the selective software for qualitative and quantitative data analysis. 2. To understand the concept of data entry into excel format for statistical analysis. 3. To study about the various dietary software available.
Name of the Program: M.Sc. Home Science (Foods & Nutrition) (Semester-III)			
Program code- 0642			
4693	FOOD MICROBIOLOGY AND QUALITY CONTROL	2p/week	<ul style="list-style-type: none"> * To understand the nature of microorganisms involved in food spoilage, food infections and intoxications and also those used in food biotechnology (food fermentation and various food processing industries) * To gain knowledge of principles of various techniques used in the prevention and control of the microorganisms in foods (food preservation) * To understand criteria for microbiological safety in various foods operations to avoid public health hazards due to food contamination
4695	CLINICAL AND THERAPEUTIC NUTRITION II	2p/week	<ol style="list-style-type: none"> 1. The course is aimed at giving advanced knowledge in the field of clinical nutrition and dietetics 2. The course will enable the students to gain current knowledge about classification, pathogenesis, diagnosis, etiology, symptoms and dietetic management of various diseases 3. The course will also enable the students to get acquainted with the recent researches and trends in clinical nutrition.
4694	FOOD SERVICE MANAGEMENT	2/week	<ol style="list-style-type: none"> 1. To import necessary expertise to run a food service unit. 2. To critically evaluate the functioning of food service units. 3. To understand about standardisation of selected quality recipes in relation to nutritive value, cost, time and their sale.
****	NUTRITIONAL MANAGEMENT IN SPORTS AND FITNESS	2/week	<ol style="list-style-type: none"> 1. Understand the components of health and fitness and the role of nutrition in these. 2. To develop knowledge on sports specific nutrition and their guidelines. 3. To help students understand the role of ergogenic aids- their dose, safety and efficacy to enhance sports performance.

****	SEMINAR	2/week	<ol style="list-style-type: none"> 1. To develop understanding in relevant areas of Foods and Nutrition. 2. To provide understanding of the scientific basis for central role and interrelation of nutrition in good health, disease management, prevention and control. 3. To generate and develop awareness and interest in interdisciplinary fields of nutrition.
****	DISSERTATION (SYNOPSIS)	2/week	To understand an independent piece of research work in the relevant area of Foods and Nutrition.
Name of the Program: M.Sc. Home Science (Foods & Nutrition)			
Semester-IV			
Program code- 0643			
4696	PRINCIPLES OF FOOD SCIENCE	2/week	<ol style="list-style-type: none"> 1. Understand the basic concepts of food science and its applications in processing of food. 2. Learn about the quality parameters of various foods. 3. Gain practical knowledge about food components and their role in cooking.
4697	ENTREPRENEURIAL VENTURES IN FOOD INDUSTRY	2/week	<ol style="list-style-type: none"> 1. To motivate the students to undertake entrepreneurial ventures in food industry 2. To enable them to translate entrepreneurial knowledge into income generation and self employment 3. To disseminate knowledge about setting up of start-ups and small enterprises in relation to food industry.
4912	ALTERNATIVE MEDICINE AND NUTRITION	2/week	<p>This course should enable the students to –</p> <ol style="list-style-type: none"> 1. To enable the students to understand the herbal medicine and its role in field of nutrition. 2. To understand the role and interaction of nutrition and other allied disciplines in health management. 3. To keep the students updated with recent advancement in field of modern medicine and use of herbal medicine.
	DISSERTATION (REPORT WRITING AND FINAL PRESENTATION)	4/week	To understand an independent piece of research work in the relevant area of Foods and Nutrition.

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
(Semester-I)**

Program Code- 0648

Course Code	Course Name (Practical)	Credit Hours	Course Outcomes
4708	ASSESSMENT IN HUMAN DEVELOPMENT	3/week	1. To study different methods and techniques of understanding human development. 2. To apply the various methods studied in a practical context.
****	EFFECTIVE PARENTING SKILLS	2/week	1. To understand the significance of parental role in child rearing. 2. To develop skills for parental involvement in enhancing a child's holistic development. 3. To learn to conduct parent education programs.
4565	RESEARCH METHODOLOGY AND STATISTICS	2/week	1. To know the significance of statistics and research methodology in Home Science research. 2. Types, tools, and methods of research and develop the ability to construct data gathering 3. Instruments appropriate to the research design. 4. To know about the appropriate statistical technique for based on the specific research design.

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
(Semester-II)**

Program Code- 0649

4710	GUIDANCE AND COUNSELING ACROSS THE LIFE SPAN	2/week	1. To create awareness of the basic skills involved in counseling. 2. To make the students understand psychosocial aspects of any problem behavior. 3. To develop competencies for interacting with families in need. 4. To make students aware of various agencies rendering guidance and counseling services in the city.
4711	DEVELOPMENT OF CREATIVITY IN CHILDREN	2/week	1. To monitor and assess the level of creativity in children 2. To develop resource materials for different creative activities for children 3. To develop skills in providing creative activities for children in various child welfare institutions
****	EARLY CHILDHOOD YEARS (SEMINAR)	2/week	1. To get an overview of early childhood years in the life span development 2. To form a meaningful and practical understanding of infancy

****	DISSERTATION (SYNOPSIS)	2/week	To understand an independent piece of research works in a relevant area of Human Development and Family Relations.
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**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
Semester-III**

Program code- 0650

****	DISSERTATION (REVIEW OF LITERATURE AND DATA COLLECTION)	2/week	To understand an independent piece of research works in a relevant area of Human Development and Family Relations.
****	PROGRAM PLANNING AND PLACEMENT IN CHILD WELFARE AGENCIES	4/week	<ul style="list-style-type: none"> • To realize the importance of early years and why childhood matters. • To understand the need for curriculum planning in early years and developing understanding of Early Childhood Care and Education (ECCE) curriculum models and approaches. • To develop understanding of current trends, issues, researches, theories, and practice of ECCE programs.
4597	CARE AND EDUCATION OF CHILDREN WITH SPECIAL NEEDS	2/week	<ol style="list-style-type: none"> 1. To create awareness about nature and rehabilitation of children with special needs. 2. To develop skills of dealing with children with special needs. 3. To provide basic understanding of special education.
4599	WOMEN EMPOWERMENT	2/week	To sensitize students to various contemporary issues related to women To develop skills for organizing program/activities for women
****	ADOLESCENCE (SEMINAR)	2/week	<ol style="list-style-type: none"> 1. To understand adolescence in all aspects of development. 2. To understand the trending researches in adolescence

**Name of the Program: M.Sc. Home Science (Human Development & Family Relations)
(Semester-IV)**

Program code- 0651

	PSYCHOLOGICAL WELL-BEING ACROSS LIFE	2/week	<ul style="list-style-type: none"> • To introduce strategies to the students to enhance psychological well-being amongst individuals. • To be able to apply theoretical concepts in an applied context. • To enhance outreach activities of the students.
	OLD AGE SEMINAR	2/week	1. To sensitize the students on the problems related to elderly.

			2. To understand the trending researches in the field of elderly.
	DISSERTATION (REPORT WRITING AND FINAL PRESENTATION)	4/week	To understand an independent piece of research works in a relevant area of Human Development and Family Relations.

**Name of the Program: M.Sc. Home Science (Clothing and Textiles)
Semester-I**

Program code- 0644

Course Code	Course Name (Practical)	Credit Hours	Course Outcomes
****	PATTERN DEVELOPMENT	4/week	To give orientation regarding different patterns To enable students to understand methods to develop various patterns
****	FASHION ILLUSTRATION	3/week	To enable students to understand 1. Figure sketching. 2. Line planning on different themes 3. Drawing illustrations using different colour mediums
4698	FABRIC SCIENCE	2/week	1. To understand the chemistry of textile fibres properties and uses of technical textiles
4565	RESEARCH METHODOLOGY AND STATISTICS	3/week	1. To provide hands on experience to students about data entry and analysis in Excel and SPSS 2. To familiarise the students with data handling in statistical software.

**Name of the Program: M.Sc. Home Science (Clothing and Textiles)
Semester-II**

Program Code- 0645

4699	TEXTILE TESTING	3/week	1. To understand the usage of various equipments, to analyze physical properties of textiles
4700	FASHION COMMUNICATION	2/week	-To enable the students to understand- 1. Fashion Communication 2. Concept of creative writing 3. Role of photography in fashion world. 4. Event management, advertisement and publicity.
****	APPAREL DESIGNING AND CONSTRUCTION-II	4/week	-To impart knowledge about- 1. Style reading 2. Pattern Development and material layout 3. Various construction details.
****	COMPUTER APPLICATIONS IN CLOTHING AND TEXTILES	2/week	-To impart knowledge about 1. Adobe Photoshop 2. Corel Draw 3. Rich Peace

Name of the Program: M.Sc. Home Science (Clothing and Textiles) Semester-III

Program code- 0646

****	PRODUCT DEVELOPMENT	2/week	To be able to <ul style="list-style-type: none"> • understand target customer, market trends and forecast. • identify the product to be developed. • understand the process of design development. • learn the process of product development and the presentation
****	DYEING AND FINISHING	3/week	To understand- <ul style="list-style-type: none"> • Textile dyeing • Softening of water • Theories of dyeing • Textile finishes
4704	TEXTILE DESIGNING	4/week	Various types of motifs and designs Structural and decorative textile design Types of dyeing and printing techniques
****	COSTUME DESIGNING AND CONSTRUCTION	3/week	To impart knowledge about <ol style="list-style-type: none"> 1. Sources of inspiration for costume 2. Designing and construction of the garments

**Name of the Program: M.Sc. Home Science (Clothing and Textiles)
Semester-IV**

Program code- 0647

****	C.A.D.	4/week	To impart skills in – <ol style="list-style-type: none"> 1. Developing pattern through Tuka Cad 2. Marker layout through Tuka
****	IMAGE STYLING	2/week	To impart knowledge of <ol style="list-style-type: none"> a. Figure types and styling of different figure types b. Self and model styling
4705	FASHION RETAILING AND MERCHANDISING	2pds/week	<ol style="list-style-type: none"> 1.To gain knowledge about various window display materials. 2.To acquaint knowledge of sales promotion techniques of different stores

9. Additional Information regarding Course Outcomes Post Graduate Diploma (Theory)

Name of the Program: Post Graduate Diploma in Fashion Designing (Semester – I)

Program Code-1185

Course Code	Course Name	Credit Hours	Course Outcomes
8597	FASHION DESIGN AND PRODUCTION (THEORY)	3pds/week	<ul style="list-style-type: none"> To help students to understand design fundamentals, elements and principles of design. To impart knowledge of different garment components. To impart awareness of quality parameter required for apparel products.
8598	FASHION FUNDAMENTALS (THEORY)	3pds/week	<ul style="list-style-type: none"> To develop awareness regarding Fashion, Style and Trends. Fashion adoption, fashion movement, fashion prediction.

Name of the Program: Post Graduate Diploma in Fashion Designing (Semester – II)

Program Code-1186

Course Code	Course Name	Credit Hours	Course Outcomes
8561	FASHION MARKETING AND MERCHANDISING (THEORY)	3pds/week	<ul style="list-style-type: none"> To provide the necessary knowledge, skills, values and attitudes of Fashion Marketing and Merchandising.
8560	HISTORIC COSTUMES (THEORY)	3pds/week	<ul style="list-style-type: none"> To acquaint the students with different types of Indian and world costumes of different periods.

Name of the Program: Post Graduate Diploma in Child Guidance and Family Counselling (Semester-1)

Program Code-1195

Course Code	Course Name	Credit Hours	Course Outcomes
8628	THEORETICAL PERSPECTIVES IN CHILD DEVELOPMENT –I	4	<ul style="list-style-type: none"> To enhance the knowledge of students on theoretical perspectives on behavior and development in order to be able to deal with counselling strategies more effectively. To critically evaluate the applicability of theories in the counselling process. To enhance knowledge about child development.

8629	MARRIAGE AND FAMILY RELATIONS	4	<ul style="list-style-type: none"> To introduce the students to family dynamics. To help the students examine counselling needs for the families related to the changing lifestyle trends. To acquaint students with the basic issues of family well-being.
8630	INTRODUCTION TO GUIDANCE AND COUNSELLING-I	3	<ul style="list-style-type: none"> Contents of the course are aimed at developing the following: Knowledge and understanding of the basic concepts, philosophy and principles of guidance and counselling. Understanding of the difference between formal and informal guidance. An understanding of the peculiar needs and problems of children and methods of providing assistance to them. Knowledge about the need and importance of counselling in the present day context and its emergence as a professional service in the present form.
8631	COUNSELLING TECHNIQUES AND APPLICATIONS -I	3	<ul style="list-style-type: none"> After undertaking the course, the trainees would acquire: Knowledge and understanding of situations concerning students, and special concerns and issues faced by teachers/Counsellors in school. Knowledge of the role of a counsellor in crisis and prevention of serious mental health concerns. Awareness of experiences of persons with disabilities and recognize that having impairment is only one aspect of their lives.

**Name of the Program: Post Graduate Diploma in Child Guidance and Family Counselling
(Semester-II)**

Program Code-1196

Course Code	Course Name	Credit Hours	Course Outcomes
8593	THEORETICAL PERSPECTIVES IN CHILD DEVELOPMENT-II	4	<ul style="list-style-type: none"> To enhance the knowledge of students on theoretical perspectives on behavior and development in order to be able to deal with counselling strategies more effectively. To critically evaluate the applicability of theories in the counselling process. To enhance knowledge about child development.
8594	INTRODUCTION TO GUIDANCE AND COUNSELLING-II	3	<ul style="list-style-type: none"> Contents of the course are aimed at developing the following Knowledge and understanding of the basic concepts, philosophy and principles of

			<p>guidance and counselling.</p> <ul style="list-style-type: none"> • Understanding of the difference between formal and informal guidance. • An understanding of the peculiar needs and problems of children and methods of providing assistance to them. • Knowledge about the need and importance of counselling in the present day context and its emergence as a professional service in the present form.
8595	COUNSELLING TECHNIQUES AND APPLICATIONS -II	3	<ul style="list-style-type: none"> • After undertaking the course, the trainees would acquire: • Knowledge and understanding of situations concerning students, and special concerns and issues faced by teachers/counsellors in school. • Knowledge of the role of a counsellor in crisis and prevention of serious mental health concerns. • Awareness of experiences of persons with disabilities and recognize that having impairment is only one aspect of their lives.
8596	COUNSELLING FOR CHILDREN WITH SPECIAL NEEDS	4	<ul style="list-style-type: none"> • To examine in-depth, the needs of special children and their families. • To study the rehabilitation programs available to children with special needs and their families

Name of the Program: Post Graduate Diploma in Nutrition and Dietetics (Semester I)			
Program Code-1164			
Course Code	Course Name	Credit Hours	Course Outcomes
8510	APPLIED NUTRITION – I THEORY	3p/week	<ul style="list-style-type: none"> • To elucidate the applied concepts of different areas of Foods and Nutrition. • To acquire knowledge about the nutritional needs and concerns of specific age groups/physiological conditions.
8511	PUBLIC HEALTH NUTRITION – I THEORY	3p/week	<ul style="list-style-type: none"> • To understand the causes/determinants and distribution of nutrition problems in the community. • To understand the consequences of nutritional problems. • To be familiar with various approaches to nutrition and health interventions programs and policies.
8512	INSTITUTIONAL FOOD SERVICE MANAGEMENT – I THEORY	2p/week	<ul style="list-style-type: none"> • To understand the different kinds of food service units and systems. • To understand the principles of organization and management. • To gain knowledge in various areas of

			<p>food production.</p> <ul style="list-style-type: none"> To learn the principles of personnel management.
8513	INTRODUCTION TO MICROBIOLOGY THEORY	2p/week	<ul style="list-style-type: none"> To study the origin of micro-organisms and their structure. To understand the growth and activities of bacteria. To gain knowledge of principles of various techniques used in prevention and control of micro-organisms in food.
8514	HUMAN PHYSIOLOGY THEORY	2p/week	<ul style="list-style-type: none"> To provide a basic introduction to human physiology: the study of the functions of the human body and its constituent parts. To apply knowledge of functional mechanisms and their regulation to explain the physiology underlying common diseases.
8515	NUTRITIONAL BIOCHEMISTRY THEORY	2p/week	<ul style="list-style-type: none"> The course lays the foundation for an introduction to various biomolecules and understanding of various metabolic pathways.

Name of the Program: Post Graduate Diploma in Nutrition and Dietetics (Semester II)			
Program Code-1165			
Course Code	Course Name	Credit Hours	Course Outcomes
8484	APPLIED NUTRITION –II THEORY	2p/week	<ul style="list-style-type: none"> To elucidate the applied concepts of different areas of foods and nutrition. To acquire knowledge about the nutritional needs and concerns of specific age groups/physiological conditions
8485	PUBLIC HEALTH NUTRITION – II THEORY	4p/week	<ul style="list-style-type: none"> To understand the causes/determinants and distribution of nutrition problems in society. To understand the consequences of nutritional problems. To be familiar with various approaches to nutrition and health interventions programs and policies.
8486	INSTITUTIONAL FOOD SERVICE MANAGEMENT – II (THEORY)	2p/week	<ul style="list-style-type: none"> To understand the different kinds of food service units and systems. To understand the principles of organization and management. To gain knowledge in various areas of food production.

			<ul style="list-style-type: none"> To learn the principles of personnel management.
8487	FOOD HYGIENE AND MICROBIOLOGY (THEORY)	2p/week	<ul style="list-style-type: none"> To gain knowledge of principles of hygiene to be observed in catering establishments. To understand the nature of micro-organisms involved in food borne diseases. To gain knowledge of micro-organisms used in food biotechnology.
8488	DIET THERAPY (THEORY)	4p/week	<ul style="list-style-type: none"> To understand the etiology, physiological and metabolic anomalies of acute and chronic disorders / diseases. To understand the effect of various disorders / diseases on nutritional status, nutritional and dietary requirements. To be able to recommend and provide appropriate nutrition care for prevention and treatment of various disorders / diseases. To remain updated on recent advances in Medical Nutrition Therapy (MNT).

10. Additional Information regarding Course Outcomes Post Graduate Diploma (Practical)

Name of the Program: Post Graduate Diploma in Nutrition and Dietetics (Semester-I)			
Course Code	Course Name (Practical)	Credit Hours	Course Outcomes
8478	APPLIED NUTRITION	3p/week	<ol style="list-style-type: none"> To elucidate the applied concepts of different areas of Foods and Nutrition. To acquire knowledge about the nutritional needs and concerns of specific age groups/physiological conditions.
8479	PUBLIC HEALTH NUTRITION	3p/week	<ol style="list-style-type: none"> To understand the causes/determinants and distribution of nutrition problems in the community. To understand the consequences of nutritional problems. To be familiar with various approaches to nutrition and health interventions programs and policies.

8480	INSTITUTIONAL FOOD SERVICE MANAGEMENT	3p/week	<ol style="list-style-type: none"> 1. To understand the different kinds of food service units and systems. 2. To understand the principles of organization and management. 3. To gain knowledge in various areas of food production. 4. To learn the principles of personnel management.
****	FOOD PRODUCT DEVELOPMENT	2p/week	<ol style="list-style-type: none"> 1. To import necessary expertise to run a food service unit. 2. To critically evaluate the functioning of food service units. 3. To understand about standardisation of selected quality recipes in relation to nutritive value, cost, time and their sale.
****	SEMINAR	2p/week	<ol style="list-style-type: none"> 1. To develop understanding in relevant areas of Foods and Nutrition. 2. To provide understanding of the scientific basis for central role and interrelation of nutrition in good health, disease management, prevention and control. 3. To generate and develop awareness and interest in interdisciplinary fields of nutrition.

**Name of the Program: Post Graduate Diploma in Nutrition and Dietetics
(Semester II)**

8485	PUBLIC HEALTH NUTRITION	4p/week	<ol style="list-style-type: none"> 1. To understand the causes/determinants and distribution of nutrition problems in society. 2. To understand the consequences of nutritional problems. 3. To be familiar with various approaches to nutrition and health interventions programs and policies.
8486	INSTITUTIONAL FOOD SERVICE MANAGEMENT	3p/week	<ol style="list-style-type: none"> 1. To understand the different kinds of food service units and systems. 2. To understand the principles of organization and management. 3. To gain knowledge in various areas of food production. 4. To learn the principles of personnel management.
8488	DIET THERAPY	4p/week	<ol style="list-style-type: none"> 1. To understand the etiology, physiological and metabolic anomalies of acute and chronic disorders / diseases. 2. To understand the effect of various disorders / diseases on nutritional status, nutritional and dietary requirements. 3. To be able to recommend and provide appropriate nutrition care for prevention and treatment of various disorders / diseases. 4. To remain updated on recent advances in Medical Nutrition Therapy (MNT).

****	DIET COUNSELING AND COMPUTER OPERATIONS	3p/week	<ol style="list-style-type: none"> 1. To enable the students to learn to use the selective software for qualitative and quantitative data analysis. 2. To understand the concept of data entry into excel format for statistical analysis. 3. To study about the various dietary software available.
****	SEMINAR		<ol style="list-style-type: none"> 1. To develop understanding in relevant areas of Foods and Nutrition. 2. To provide understanding of the scientific basis for central role and interrelation of nutrition in good health, disease management, prevention and control. 3. To generate and develop awareness and interest in interdisciplinary fields of nutrition.

**Name of the Program: Post Graduate Diploma in Fashion Designing
(Semester-I)**

****	PATTERN MAKING	6 pds/week	<ol style="list-style-type: none"> 1. Different aspects of Pattern Making 2. Drafting and adaptation of skirts 3. Dart manipulation
****	GARMENT CONSTRUCTION	6 pds/week	<ol style="list-style-type: none"> 1. Various construction techniques. 2. Applying these techniques in garment construction.
****	FASHION ILLUSTRATION	6 pds/week	<ol style="list-style-type: none"> 1. Figure sketching. 2. Illustration techniques for various garment details.
****	CAD	4pds/week	To acquaint students with knowledge of tools of Corel draw and Photoshop.
****	GARMENT DESIGN	5pds/week	<ol style="list-style-type: none"> 1. Various fashion details. 2. Designing various outfits. 3. Specification Sheet.

**Name of the Program: Post Graduate Diploma in Fashion Designing
(Semester-II)**

****	PATTERN MAKING	4 pds/week	<ol style="list-style-type: none"> 1. Commercial paper patterns 2. Grading 3. Draping
****	GARMENT CONSTRUCTION	6pds/week	1. Application of various construction techniques in garment construction.
****	LINE DEVELOPMENT	3pds/week	To enable the students to apply the principles and knowledge of garment design development to create a collection
****	CAD	6pds/week	1. To acquire skill in computer aided pattern making and grading.
****	SEMINAR	2pds/week	

Name of the Program: Post Graduate Diploma in Child Guidance and Family Counselling (Semester-I)			
****	PSYCHOLOGICAL ASSESSMENT	6	1.To understand the concepts of measurement and evaluation on developmental dimensions and psychological parameters. 2.To appraise on the tools used for assessing levels of most relevant parameters in guidance and counselling. 3.To orient the students on application of tools in clinical situations.
****	GUIDANCE AND COUNSELLING IN APPLIED SETTINGS	6	To create awareness amongst the students on conducting surveys. • To make students aware of various agencies rendering guidance and counselling services in the city and outside the city.
****	CHILD GUIDANCE AND FAMILY COUNSELLING	4	1.Enabling students to put theory into practice. 2. Creating awareness about various agencies rendering guidance and Counselling services in the city and outside the city.
****	TOOLS OF MEASUREMENT AND EVALUATION	6	1.To understand the concepts of measurement and evaluation on developmental dimensions and psychological parameters. 2.To appraise on the tools used for assessing levels of most relevant parameters in guidance and counselling. 3.To orient the students on application of tools in clinical situations.
****	GUIDANCE AND COUNSELLING IN APPLIED SETTINGS	6	1.To create awareness amongst the students on conducting surveys. 2. To make students aware of various agencies rendering guidance and counselling services in the city and outside the city.
****	CHILD GUIDANCE AND FAMILY COUNSELLING	4	Enabling students to put theory into practice. – Creating awareness about various agencies rendering guidance and Counselling services in the city and outside the city.
Name of the Program: Post Graduate Diploma in Child Guidance and Family Counselling (Semester-II)			
	TOOLS OF MEASUREMENT AND EVALUATION	6	1. To understand the concepts of measurement and evaluation on developmental dimensions and psychological parameters. 2. To appraise on the tools used for assessing levels of most relevant parameters in guidance and counselling. 3. To orient the students on application of tools in clinical situations.

	GUIDANCE AND COUNSELLING IN APPLIED SETTINGS	6	<ol style="list-style-type: none"> 1. To create awareness amongst the students on conducting surveys. 2. To understand the concepts of measurement and evaluation on developmental dimensions and psychological parameters. 3. To appraise on the tools used for assessing levels of most relevant parameters in guidance and counselling. 4. To orient the students on application of tools in clinical situations. 5. To make students aware of various agencies rendering guidance and counselling services in the city and outside the city.
	CHILD GUIDANCE AND FAMILY COUNSELLING	4	<ol style="list-style-type: none"> 1. Enabling students to put theory into practice. 2. Creating awareness about various agencies rendering guidance and Counselling services in the city and outside the city.
	INTERNSHIP IN AGENCIES	3 months	To provide an experience in guidance and counselling wherein students, under supervision, counsel individuals in groups in the area of child and family well- being

11. Additional Information regarding Course Outcomes Ph.D.

Name of the Program: Ph.D. Course Work in Home Science			
Course Code	Course Name	Credit Hours	Course Outcomes
****	RESEARCH METHODOLOGY AND STATISTICS (COMMON TO ALL SUBJECTS)	4	<ul style="list-style-type: none"> • To acquaint students with research and statistical methods. • To impart knowledge of Computer applications for data analysis.
****	JOURNAL CLUB (COMMON TO ALL SUBJECTS)	4	<ul style="list-style-type: none"> • To stimulate continuing intellectual curiosity in students to discover new ideas.to re-look at old ideas, and to develop insightful connections among ideas. • To encourage them to exchange ideas focused on a source. • To provide a unique and intellectual experience to the students
****	FOODS AND NUTRITION	4	<ul style="list-style-type: none"> • To train the students in the method of scientific inquire and independent research. • To expect to have a broad knowledge of all fields of Foods and Nutrition and have a deep understanding of at least one of its areas.

			<ul style="list-style-type: none"> To learn to perform independent and significant research in one's area of specialization.
****	CLOTHING AND TEXTILES	4	<ul style="list-style-type: none"> To orient the students to the latest advances in the field of Clothing and Textiles. To provide a link between theory and applied initiatives in the field of Design Research, Quality assurance and CAD.
****	PERSPECTIVES IN HUMAN DEVELOPMENT	4	<ul style="list-style-type: none"> To orient the students to the latest advances in the field of Human Development with a focus on cultural perspectives. To provide a link between theory and applied initiatives.

12. Additional Information regarding Programme Outcomes & Course Outcomes for B.Sc. Home Science / B.Sc. Home Science (Hons.) / B.Sc. Home Science (Hons. with Research) 2024-25 (Under NEP 2020) and B.Sc. Fashion Designing / B.Sc. Fashion Designing (Hons.) / B.Sc. Fashion Designing (Hons. with Research) 2024-25 (Under NEP 2020)

Program Outcomes of B.Sc. Home Science / B.Sc. Home Science (Hons.) 2024-25 (Under NEP 2020)

The Bachelor of Science (Honours) in Home Science is a dynamic, interdisciplinary program focused on enhancing the well-being of individuals, families, and communities through scientific principles and hands-on applications through practical knowledge. The program integrates subjects such as foods and nutrition, human development, clothing and textiles, resource management, and extension.

The Program Outcomes (POs) of the course emphasize:

1. **Foundational Knowledge in Home Science:** To develop a strong foundation in the theoretical and practical aspects of core Home Science domains.
2. **Analytical and Critical Thinking:** To foster the ability to analyze, evaluate, and solve real-world challenges using innovative and evidence-based approaches.
3. **Skill Building for Industry Readiness:** To equip students with advanced skills aligned with industry needs, including technical, managerial, and entrepreneurial competencies.
4. **Problem-Solving Methodology:** To cultivate the ability to design and implement solutions for societal challenges through creative and sustainable practices.
5. **Research Skills for Academia and Industry:** To develop research acumen by applying methodological and interdisciplinary approaches to solve real-life problems.
6. **Effective Communication and Collaboration:** To enhance interpersonal, leadership, and collaborative skills for effective engagement in diverse settings, including academia and industry.
7. **Ethical and Social Responsibility:** To instill ethical values and social consciousness to address societal issues and work towards community upliftment.
8. **Entrepreneurship and Innovation:** To encourage entrepreneurial mindsets and innovative approaches to address emerging opportunities and challenges in Home Science-related fields.
9. **Sustainable and Inclusive Practices:** To promote sustainable development goals and inclusive practices in professional and community-oriented endeavors.
10. **Lifelong Learning and Professional Development:** Nurture a mindset of continuous learning and adaptability to excel in a rapidly evolving professional landscape.

Program Outcomes of B.Sc. Home Science (Hons. with Research) 2024-25 (Under NEP 2020)

The Bachelor of Science in Home Science with Research program is a forward-looking, multidisciplinary course that integrates scientific knowledge and research skills with practical applications. With a focus on advanced nutrition, family resource management, human development, textiles, and research methodology, the program prepares students to excel in academic, professional, and entrepreneurial endeavors.

The Program Outcomes (POs) of the course emphasize:

- **Comprehensive Knowledge in Home Science:** To acquire in-depth knowledge of Home Science disciplines and their applications to improve quality of life.
- **Critical Thinking and Problem-Solving Skills:** To develop the ability to identify, analyze, and resolve complex problems using systematic and innovative approaches.
- **Research Proficiency and Industry-Academia Linkage:** To gain expertise in research methodologies while fostering collaborations with industry and academic institutions for practical problem-solving.
- **Advanced Skill Development for Employability:** To build technical, analytical, and managerial skills aligned with industry standards to enhance employability and professional growth.
- **Effective Communication and Leadership:** To enhance skills in articulation, negotiation, and leadership for diverse professional and community settings.
- **Ethical and Social Responsibility:** To uphold ethical standards and contribute responsibly to societal and environmental well-being.
- **Entrepreneurship and Innovation for Societal Impact:** To cultivate entrepreneurial skills and innovative thinking to develop and implement sustainable solutions to community challenges.
- **Environmental Awareness and Sustainable Practices:** To advocate for and adopt practices that align with sustainable development goals and environmental conservation.
- **Interdisciplinary Integration for Holistic Problem-Solving:** To leverage knowledge from multiple disciplines to address complex issues in innovative and impactful ways.
- **Lifelong Learning and Global Competence:** To promote a commitment to lifelong learning, adaptability, and a global outlook to excel in research, academia, and industry.
- **Excellent opportunity for developing research acumen:**
 - Research based skills are essential for students to identify innovative solutions.
 - By cultivating research-based skills, students can evaluate information, identify patterns and draw meaningful conclusions.
 - These skills encompass critical thinking, analytical reasoning, and problem-solving abilities.

Course Outcomes

**Name of the Programme: B.Sc. Home Science / B.Sc. Home Science (Hons.) / B.Sc. Home Science (Hons. with Research)
2024-25 (Under NEP 2020)
Semester I**

Course Code	Course Name	Credit Hours	Course Outcomes
	English I (Ability Enhancement Course) Theory	1/week	<ul style="list-style-type: none"> • It will have enhanced language proficiency through adequate exposure to reading and writing skills • Overcome stage fright and build confidence among students • Learn to compose comprehensive and well-structured paragraphs • Improved communication skills of the students
	Introduction to Foods and Nutrition- I (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • Know the different areas of Foods and Nutrition. • Gain knowledge about basic concepts of Foods and Nutrition. • Understand about functioning of various nutrients in the body.
	Introduction to Human Development –I (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • Gain concepts of Human development • Student will know scope of Human Development and its interdisciplinary fields
	Introduction to Resource Management and Extension – I (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • Learn concept of Extension and its relevance for self and nation development • Student will gain knowledge about range and scope of traditional media, mass media, ICTs and New Media especially for social change.
	Introduction to Clothing and Textiles – I (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • Learn terminology of Clothing & Textiles • Student will gain knowledge related to Tools and Equipment of Clothing Construction

	Introductory Life Sciences for Home Science (Multi-disciplinary Theory)	2/week	<ul style="list-style-type: none"> • The student will be able to understand knowledge of Life Science in day-to-day life
	Food Safety & Preservation (Skill Enhancement Course) Practical	6/week	<ul style="list-style-type: none"> • Develops skill for preserving different areas of food. • To gain basic principles of food preservation
	Decorative Dyeing (Skill Enhancement Course) Practical	6/week	<ul style="list-style-type: none"> • Students will have an in depth understanding of basics and types of dyeing techniques
	Nanny Care (Skill Enhancement Course)	6/week	<ul style="list-style-type: none"> • Student will become skilled workforce • It will provide quality substitute care in day care center
	Communication and Media Design (Skill Enhancement Course) Practical	6/week	<ul style="list-style-type: none"> • Student will gain knowledge of elements and principles of design and their application in designing communication media
	Basics of Computer Applications (Value Added Course) Practical	4/week	<ul style="list-style-type: none"> • Student will learn basics of computer and concept of fundamentals and its applications.
	Music (Compulsory)	Non credit	<ul style="list-style-type: none"> • Student will gain learn Swara, Raga, Taal, Alamkars.
	Dance (Compulsory)	Non credit	<ul style="list-style-type: none"> • Student will learn Laya and taal.
	Physical Education (Compulsory)	Non credit	<ul style="list-style-type: none"> • Development of an individual • Learn basic techniques involved in athletic events • Practical knowledge of techniques and skills involved in various games in the syllabus • Knowledge and benefits of yoga in day-to-day life

**Name of the Programme: B.Sc. Home Science / B.Sc. Home Science (Hons.) / B.Sc. Home Science (Hons. with Research)
2024-25 (Under NEP 2020)
Semester II**

Course Code	Course Name	Credit Hours	Course Outcomes
	English II (Ability Enhancement Course) Theory	1/week	<ul style="list-style-type: none"> • Student will learn English language to meet professional and personal goals • Get practical training for appearing in the Interviews • Engage in debates and discussions on contemporary issues • Enhance public speaking skills of the students
	Introduction to Foods and Nutrition-II (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • To know the different areas of Foods and Nutrition. • Gain knowledge about basic concepts of Foods and Nutrition. • Understand about functioning of various nutrients in the body.
	Introduction to Human Development –II (Major/ Minor) Theory	2/week	<ul style="list-style-type: none"> • To know the field of Human Development and developmental stage from birth till old age. • Gain important aspects of development during the lifespan
	Introduction to Resource Management and Extension – II (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • Acquire managerial and decision-making abilities. • Learn about concept, elements and process of effective communication and methods of communication. • Create awareness about various development programs running at National level.
	Introduction to Clothing and Textiles – II (Major/Minor) Theory	2/week	<ul style="list-style-type: none"> • Gain knowledge about fibers, sources of fibers and their properties. • Design fundamentals, elements and principles of design.
	Introductory Physical Sciences for Home Science (Multi-disciplinary Course) Theory	2/week	<ul style="list-style-type: none"> • The student will be able to understand knowledge of physical science in day-to-day life
	Economics of Business Development in Home Science (Skill	6/week	<ul style="list-style-type: none"> • Students will view entrepreneurship and self-employment as a desirable and feasible career option • Developed entrepreneurial orientation through innovation and creativity

	Enhancement Course) Practical		<ul style="list-style-type: none"> • Learn basic principles involved in starting and managing a new enterprise
	Basics of Computer Applications (Value Added Course) Practical	4/week	<ul style="list-style-type: none"> • Gain basic computer knowledge • Understand concept of fundamentals and its applications • Students will be able to use the computer for basic purposes of preparing personnel/business letters, viewing information on internet (the web), sending mails, etc.
	Music (Compulsory)	Non credit	<ul style="list-style-type: none"> • Gain knowledge about swara, raga, taal, alamkars. • Develop interest in Classical Music
	Dance (Compulsory)	Non credit	<ul style="list-style-type: none"> • Wholesome development of an individual. • Gain knowledge about laya and taal
	Physical Education (Compulsory)	Non credit	<ul style="list-style-type: none"> • Wholesome development of an individual • Knowledge of basic techniques involved in athletic events • Practical knowledge of techniques and skills involved in various games in the syllabus • Knowledge and benefits of yoga in day-to-day life

Program Outcomes for B.Sc. Fashion Designing / B.Sc. Fashion Designing (Hons.) 2024-25 (Under NEP 2020)

The Bachelor of Science in Fashion Designing is an interdisciplinary program designed to cultivate creativity, technical expertise, and an understanding of sustainable practices in the fashion industry. The program integrates elements and principles of design, textiles, apparel designing and fashion trends to prepare graduates for diverse career opportunities in the global fashion arena.

The Program Outcomes (POs) of the course emphasize:

1. **Comprehensive Knowledge of Fashion Design:** To acquire foundational and advanced knowledge in fashion design, textile science, and apparel production processes.
2. **Creative Thinking and Innovation:** To foster originality and creativity in design concepts, emphasizing innovation and trend forecasting.
3. **Skill Building for Industry Readiness:** To develop industry-relevant skills in garment construction, pattern making, CAD, and design prototyping.
4. **Entrepreneurship and Business Acumen:** To cultivate entrepreneurial skills to establish and manage fashion ventures, incorporating branding, merchandising, and marketing strategies.
5. **Sustainable and Ethical Practices:** To promote sustainability in design and production, with a focus on ethical sourcing and eco-friendly solutions.
6. **Problem-Solving Methodology:** To apply critical thinking and problem-solving skills to address challenges in the fashion industry, such as supply chain management and production efficiency.
7. **Effective Communication and Presentation Skills:** To enhance abilities in visual communication, storytelling, and professional presentations to engage with diverse stakeholders.
8. **Technology Integration:** To leverage advanced technologies, including 3D modeling, digital design tools, and innovative textile technologies.
9. **Global and Cultural Awareness:** To foster an appreciation for diverse cultural influences in design and global fashion trends, preparing graduates for international markets.
10. **Lifelong Learning and Professional Growth:** To encourage continuous learning and adaptability to meet evolving industry demands and advancements.

Program Outcomes for B.Sc. Fashion Designing (Hons. with Research) 2024-25 (Under NEP 2020)

The Bachelor of Science in Fashion Designing with Research program integrates creative design, technical expertise, and academic research, enabling graduates to contribute innovatively to the fashion industry and academia. By emphasizing advanced research methodologies, sustainable innovation, and industry-academia linkages, this program equips students for leadership roles in the fashion ecosystem.

The Program Outcomes (POs) for this course include:

1. **Comprehensive Knowledge in Fashion and Research:** To attain a strong theoretical and practical understanding of fashion design, textiles, and research methodologies.
2. **Critical Thinking and Analytical Skills:** To develop the ability to critically analyze fashion trends, consumer behavior, and market dynamics using research-based approaches.
3. **Research Proficiency and Academic Excellence:** To cultivate expertise in designing and conducting research studies on emerging topics such as sustainable fashion, circular economy, and innovative textiles.
4. **Skill Development for Industry-Academia Linkages:** To enhance technical and managerial skills for seamless integration into the fashion industry or academic research roles.
5. **Entrepreneurship and Innovation for Problem-Solving:** To nurture entrepreneurial mindsets and innovation in developing cutting-edge fashion solutions for modern challenges.
6. **Sustainable and Ethical Leadership:** To promote sustainable practices and ethical decision-making in designing, producing, and marketing fashion products.
7. **Technology-Driven Design Proficiency:** To master emerging technologies, including AI in fashion, wearable tech, and digital manufacturing processes.
8. **Global Perspectives and Cultural Integration:** To embrace a global outlook by understanding and integrating diverse cultural aesthetics into design and research projects.
9. **Interdisciplinary Collaboration and Innovation:** To leverage insights from allied disciplines to solve complex fashion-related problems.
10. **Lifelong Learning and Global Competence:** To foster a commitment to lifelong learning and adaptability, equipping students for leadership roles in academia, research, and the fashion industry.
11. **Excellent opportunity for developing research acumen:**
 - Research based skills are essential for students to identify innovative solutions.
 - By cultivating research –based skills, students can evaluate information, identify patterns and draw meaningful conclusions.
 - These skills encompass critical thinking, analytical reasoning, and problem-solving abilities.

Course Outcomes

B.Sc. Fashion Designing / B.Sc. Fashion Designing (Hons.) / B.Sc. Fashion Designing (Hons. with Research) 2024-25 (Under NEP 2020) Semester I

Course Code	Course Name	Credit	Course Outcomes
	BASIC SEWING SKILLS- I (MAJOR) (THEORY)	2	<ul style="list-style-type: none"> • Student will gain knowledge about tools and machines used for sewing. • Learn knowledge of different garment components. • Student will handle different fabrics and know their suitability.
	BASIC SEWING SKILLS- I (MAJOR) (PRACTICAL)	2	<ul style="list-style-type: none"> • Students learn various basic hand stitches seams and seam finishes • Different fullness treatments
	BASICS OF TEXTILE DESIGN (MINOR) (THEORY)	2	<ul style="list-style-type: none"> • They learn basic fundamentals, elements and principles of design. • Students will understand optical illusion created through principles and elements of design
	BASICS OF TEXTILE DESIGN (MINOR) (PRACTICAL)	2	<ul style="list-style-type: none"> • Student will gain knowledge about motifs and their placements • Colour Wheel and Colour Schemes
	INTRODUCTION TO FASHION MERCHANDISING-I (Minor) (THEORY)	2	<ul style="list-style-type: none"> • Students will have in depth understanding of concepts of Fashion • Gain Knowledge about clothing communication and fashion expression
	INTRODUCTION TO FASHION MERCHANDISING-I (Minor) (PRACTICAL)	2	<ul style="list-style-type: none"> • Expressing knowledge about clothing communication and fashion through window display

	INTRODUCTION TO FAMILY AND COMMUNITY SCIENCE SEMESTER-I (THEORY)	2	<ul style="list-style-type: none"> • Understanding of the self and one's role and responsibilities as a productive individual and as a member of family, community and society. • Discipline of Family and Community Science for professional careers. • Knowledge specific to five domains namely, Foods and nutrition, Human Development, Clothing and Textiles, Family Resource Management and Extension Education. • To gain functional skills in the five domains for career and employment
	INTRODUCTION TO FAMILY AND COMMUNITY SCIENCE SEMESTER-I (PRACTICAL)	1	<ul style="list-style-type: none"> • Students will have an in depth understanding of basics and types of dyeing techniques
	ENGLISH-I (THEORY) SEMESTER-I	2	<ul style="list-style-type: none"> • Students will get knowledge about literary and linguistic skills in their overall development. • Gain grammar and communicative English. • Enhance reading and writing abilities of the students through textual analysis. • Attain critical appreciation and interpretation of literary texts
	FABRIC PAINTING (SKILL ENHANCEMENT COURSE) SEMESTER –I PRACTICAL	3	<ul style="list-style-type: none"> • Gain knowledge about the colour & colour chart • Know about various techniques of fabric painting • Acquire skills in decorating fabric with painted designs
	BASICS OF COMPUTER SEMESTER-I (VALUE-ADDED COURSES) PRACTICAL	2	<ul style="list-style-type: none"> • Develop knowledge of computer to students. • Concept of fundamentals of computer and its applications. • Students will learn purposes of preparing his personnel/business letters, viewing information on internet (the web), sending mails, etc.

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B.Sc. Fashion Designing / B.Sc. Fashion Designing (Hons.) / B.Sc. Fashion Designing (Hons. with Research) 2024-25 (Under NEP 2020)
Semester II

Course Code	Course Name	Credit	Course Outcomes
	UNDERSTANDING TEXTILES -I (MAJOR) SEMESTER –II THEORY	2	<ul style="list-style-type: none"> • Develop skills to terminology related to textiles. • Learn classification of Textile fibers, manufacturing process & properties.
	UNDERSTANDING TEXTILES-I (MAJOR) SEMESTER –II PRACTICAL	2	<ul style="list-style-type: none"> • Students will understand Fiber Identification and Laundering of special garments
	FABRIC CONSTRUCTION-I (MINOR) SEMESTER-II THEORY	2	<ul style="list-style-type: none"> • Understanding knowledge about different types of yarns and spinning method • Learn basic looms & weaves
	FABRIC CONSTRUCTION-I (MINOR) SEMESTER-II PRACTICAL	2	<ul style="list-style-type: none"> • Understanding of different types of yarns and fabric
	INTRODUCTION TO FASHION MERCHANDISING II THEORY	2	<ul style="list-style-type: none"> • Understand different terms and sources of inspiration • Gain knowledge about fashion merchandiser, fashion forecasting & different fashion Centres,
	INTRODUCTION TO FASHION MERCHANDISING-II PRACTICAL	2	<ul style="list-style-type: none"> • Gain knowledge about various National fashion designers • Understand various sources of inspirations.
	SUSTAINABILITY IN EVERYDAY LIFE (MULTI-DISCIPLINARY COURSE) SEMESTER –II THEORY	2	<ul style="list-style-type: none"> • Learn terms related to sustainability and Sustainable practices at home
	SUSTAINABILITY IN EVERYDAY LIFE (MULTI-DISCIPLINARY COURSE) SEMESTER –II PRACTICAL	1	<ul style="list-style-type: none"> • Understand Terms related to sustainability • Sustainable practices at home

	ENGLISH LANGUAGE AND COMMUNICATION SKILLS-II (ABILITY ENHANCEMENT COURSE) THEORY	2	<ul style="list-style-type: none"> • To enable the students to understand how literature provides the opportunity for intellectual and imaginative participation in various modes of human thought and values • To work on grammar and communicative English and to use the standard diction, grammar, and mechanics of the English language • To enhance the reading and writing abilities of the students through textual analysis • To enhance their ability for critical appreciation and interpretation of literary texts
	DECORATIVE DYEING (SKILL ENHANCEMENT COURSE) SEMESTER -II PRACTICAL	3	<ul style="list-style-type: none"> • Student will develop skills to different types of dyeing techniques.
	BASICS OF COMPUTER APPLICATIONS-II (COMMON VALUE-ADDED COURSES) PRACTICAL	2	<ul style="list-style-type: none"> • To impart basic computer knowledge to students. • To enable students to concept of fundamentals and its applications. • Able to use the computer for basic purposes of preparing his personnel/business letters, viewing information on internet (the web) and sending mails.

Link for Syllabus of all Courses

- Panjab University, Chandigarh (Syllabus web link)

<https://puchd.ac.in/syllabus.php?qstrfacid=10>