

CLASS XII HOME SCIENCE

Topic	Learning outcomds	Innovative/art integration, Experiential learning, Inter-disciplinary action.
Unit I. Work, livelihood and Career Ch.- Work, livelihood and Career	Student will be able to learn about meaningful work, career, livelihood and entrepreneurship, also attitude and approaches that contributes to quality of work life and successful career, student will be sensitive to the issues of work in relation to traditional occupation and special groups namely women, children and elderly.	Art integration: Will learn the art of life skills entrepreneurship, attitude and approaches to work. Experiential Learning: Experiential learning is significant for encouraging women empower, related work programs run by the government, can adopt essential soft skills at workplace, act of creating new and innovative enterprise. Inter-disciplinary: English: All the content.
Unit II. Nutrition, Food Science and Technology Ch.- Clinical Nutrition and Dietetics	Student will be able to learn about the importance and scope of clinical nutrition and dietetics, their role and function, knowledge and skills required for a career	Art integration: Will develop the art of planning diets according to diseases Experiential Learning: Experiential learning is significant for including nutrients with all basic groups, also will be aware of prevention from chronic diseases. Inter-disciplinary: Science: Will be able to make diet according the diseases. Maths: How many types of diet can be given to the patient What are the two ways adopted to feed the patient. English: All the content. Activities: Modification of normal diet to soft diet for elderly person.
	Student will be able to understand the importance of	Art integration: Will learn the art of providing conditions to make people live

Ch.- Public Nutrition and Health	public nutrition, nutritional problems, factors associated with nutritional problems, strategies that can be used to tackle nutritional problems	healthy life. Experiential Learning: Experiential learning is significant for providing organized measures to all to prevent disease, promote health and prolong life among whole population. Inter-disciplinary: Physics: Will be able to access different equipments or machinery used for community healthcare. Chemistry: Providing immunization and supplements to children, pregnant and lactating mothers. Biology: Recommending diet for different community diseases English: All the content. Activities : Design, prepare and evaluate a processed food product Qualitative test for food adulteration in: Pure ghee, tea leaves, whole black pepper, turmeric powder, milk, asafetida.
Ch.- Food Processing and Technology	Student will be able to learn about food processing and technology, its history, development, significance, awareness of skills required to be a professional, scope of self employment and large scale entrepreneur.	Art integration: Will learn the art of processing, handling, manufacturing, preservation and handing of equipments related to processing of food Experiential Learning: Experiential learning is significant for processing, manufacturing, preserving food and equipments used for processing. Inter-disciplinary: Physics: Will be able to access different equipments or machinery used for food processing. Chemistry: Use of different chemicals. additives and

Ch.- Food Quality and Food Safety	Student will be able to understand the importance of various issues related to food safety and quality, how food borne diseases occur, will gain the knowledge of national and international food standards, importance of food safety management system, acquainted with various career options.	preservatives in food processing. English: All the content. Activities: Design, prepare and evaluate a processed food product. Art integration: Will learn the art of handling food in a safe and hygienic way. Experiential Learning: Experiential learning is significant for having awareness related to handling food in appropriate way and prevention from physical, chemical and biological hazards. Student will also apply knowledge of different standards while buying food products. Inter-disciplinary: Physics: Will be able to access different equipments or machinery used for food safety. Chemistry: Use of different chemicals. additives and preservatives to enhance the nutritive value of food . English: All the content.
Unit III: Human Development and Family Studies Ch.- Early Childhood Care and Education	Students will be able to understand the principles and importance of ECCE, also knowledge and skills required for making career.	Art integration: Will learn the art of understanding the situation of children, better bringing up of the children according to the basic principles. Experiential Learning: Experiential learning is significant for child's brain, development and learning, fun learning is highly effective method. Student will apply this knowledge for the holistic development of child Inter-disciplinary:

Ch.- Management of Support Services, institutions and Programs for Children. Youth and Elderly	Student will be able to learn why services, institutions and programs are needed for youth, children and elderly, knowledge based and skills required to manage and run these programs, also career opportunities available in this field.	Physics: Will be able to access different equipments required for accessing the growth of the child. Biology: Cognitive development of the child Psychology: Include different emotions of the child. English: All the contents Activities: Preparation and use of any one teaching aid to communicate socially relevant messages for children/adolescents adults in the community or prepare any one toy for children age appropriate using locally available and indigenous material. Art integration: Will learn the art of understanding the situation of children, youth and elderly. Experiential Learning: Experiential learning is significant for applying knowledge regarding elderly youth and children program which helps them a lot for their better living. Inter-disciplinary: Physics: Will be able to access different equipments required for accessing the growth of the child, youth and elderly. Biology: Cognitive development of the child, youth. Psychology: Include different emotions of the child, youth and elderly. English: All the contents Art integration: Will learn the art of combining colours according to the colour
Unit IV. Fabric and Apparel	Student will learn about concept of design, application of	

Ch.- Design for Fabric and Apparel	elements and principles of design for fabric and apparel, how to prepare career in this field.	wheel, better applications of elements and principles of design for fabric and apparel Experiential Learning: Experiential learning is significant for combining colours according to related and contrasting schemes, applying elements and principles of design to make a fabric attractive. Inter-disciplinary: Physics: Will be able to access different equipments required for making fiber, yarn and fabric. Chemistry: Use of different chemicals to make fiber, yarn and fabric English: All the contents Activities: Prepare any on article using applied textile design, techniques, tie and die/batik/block printing. Remove different type of stains from white cotton cloth-ball pen, curry, grease, ink, lipstick, tea and coffee.
Ch.- Fashion Design and Merchandising	Student will be able to learn fashion design and merchandising in garment industry, knowledge and skills required to pursue fashion business and preparation of career in this field.	Art integration: Will learn the art of becoming entrepreneur or merchandiser in this field. Experiential Learning: Experiential learning is significant for applying his knowledge to become a successful merchandiser with knowledge of buying and selling goods and in turn earns profit. Inter-disciplinary: Physics: Will be able to access different equipments and technology required for making accessories, cloth required in fashion industry. Economics: How to purchase and sell goods to earn profit? English: All the contents

Ch.- Care and Maintenance of Fabrics in Institutions	Student will be able to learn about care and maintenance of fabric in hospitals and hotels, equipments required and their usage, career preparation in this field.	Art integration: Will learn the art of to care and maintain the fabric in a better way. Experiential Learning: Experiential learning is significant for applying the knowledge related to care, maintenance, laundering and storage in a better way. Inter-disciplinary: Physics: Will be able to access different equipments required for maintaining caring, laundering cloth in a better way. English: All the contents
Unit V. Resource Management Ch.- Hospitality Management	Student will be able to learn about the hospitality management, functioning of food and beverages department, housekeeping department, front office in hospitality industry, also career opportunities available in this field.	Art integration: Will learn the art of being hospitable which includes friendly and generous welcoming of guests thus generating business. Experiential Learning: Experiential learning is significant for providing 'home away from home' and thus generating large amount of customers and business. Inter-disciplinary: Economics: Helps in generating policies which helps in increasing business. English: All the contents
Ch.- Consumer Education and Protection	Student will be able to understand the role of consumer education and protection and knowledge and skills, scope and career in this field.	Art integration: Will learn the art of generating awareness among consumers about their rights and responsibilities, motivate them to assert their rights and not to compromise on quality. Experiential Learning: Experiential learning is

Unit Vi. Communication and Extension Ch.- Development Communication and Journalism	Student will be able to understand the importance of development communication and journalism for social change and development, skills, scope and career options available	significant to help the consumer develop thinking and raise awareness thereby enable consumers to become an pro active. Inter-disciplinary: Social Studies: Includes different acts and laws for consumers. Psychology: Includes support for consumers and their emotions. English: All the contents Activities: Evaluate one advertisement for any job position. Develop and leaflet/pamphlet for consumer education and protection for any one of the following : Consumer protection act Consumer responsibilities Consumer organizations Consumer problems Art integration: Will learn the art of transferring information from one person, place or group to another. Media communicates by showing news, ideas, thoughts, facts, data etc. Experiential Learning: Experiential learning is an engaged learning process whereby student learn by doing i.e learn more practically than theoretically. Students get the chance to work with real client while building experience and a resume. Inter-disciplinary: Physics: Knowledge of different technologies and equipments used in media. Information Technology: Delivering information through PPTs, social media, digital technologies etc. English: All the contents
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