

	STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS). SIVAKASI – 626 123. (Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC,
C Gassiglin.	ollege with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)
	DEPARTMENT OF NUTRITIONA ND DIETETICS
	UG DEGREE PROGRAMME IN NUTRITION AND DIETETICS
	PROGRAMME EDUCATIONAL OBJECTIVES
The Gradua	
THE Claude	
	expertize in diet therapy and counseling, appraise the quality of food products as
PEO1.	quality controller in food industries and imply their knowledge to opt higher
	studies.
PEO2.	utilize food products based on the needs by proper food management and design
	value added innovative food products to combat deficiency disorders.
PEO3.	improve entrepreneurial skills in the field of food and nutrition and to establish a
	food service outlet.
	associate their life with the knowledge acquired on foods to be included and
PEO4.	avoided and hence ensure healthy lifestyle by preventing the disease rather treating
	the diseases to themselves and to the community.
	PROGRAMME SPECIFIC OUTCOMES
Ry the Com	apletion of B.Sc., Nutrition and Dietetics, the learners will be able to
by the com	piction of B.Sc., Nutrition and Dicteties, the learners will be able to
PSO1.	infer and summarize the basic skills of various cooking technologies.
PSO2.	analyze nutrients, food quality and manage diseases using diet therapy.
PSO3.	compare and contrast nutritive value for various food ingredients and enrich the
F3O3.	quality of food by incorporation and fortifications.
PSO4.	create awareness on healthy and junk foods to the community and set up a
1304.	computerized food service establishment.

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PSO1.	infer and summarize the basic skills of various cooking technologies.			
PSO2.	analyze nutrients, food quality and manage diseases using diet therapy.			
PSO3.	compare and contrast nutritive value for various food ingredients and enrich the quality of food by incorporation and fortifications.			
PSO4.	create awareness on healthy and junk foods to the community and set up a computerized food service establishment.			

PSO5.	inculcate the spirit to work under hierarchy.
PSO6.	adapt preservation techniques to use food resources appropriately to ensure food safety and security.
PSO7.	extended learning and update on health to assert ideal body weight there - by avow self health improvement .

PSO6. safety and security.	e food resources appropriately to ensure food alth to assert ideal body weight there - by	
avow self health improvement .		
	VIII COLUM	
COURSE OU	vm co a vv	
	JTCOME	
Core C	Course	
Course Code: GLND11	Course Title: Food Science	
On successful completion of the course, the learner	ers should be able to	
CO1. recall the food groups and various c	cooking methods.	
CO2. enlist the classification and selection beverages	enlist the classification and selection methods of various food groups and	
CO3. outline the nutritive value and cook	ing methods of different food groups.	
CO4. determine the process of emulsion, various spices.	rancidity and functions and medicinal values of	
CO5. analyze gelatinization, dextrinizar reaction, pasteurization, homogeniz	ation, retro-gradation, germination, browning	

Core Course				
Course Code	e: GLND12	Course Title: Principles Of Nutrition		
On successful completion of the course, the learners should be able to				
CO1.	recall the nutritional status, r	ole and deficiencies of various nutrients.		
CO2.	CO2. specify the classification, functions, digestion, absorption and sources of nutrients.			
CO3.	explain BMR, factors influer calorimetric methods.	ncing BMR, total energy requirement of body and		
CO4.	D4. identify the role of food and nutrients in health and disease prevention.			
CO5.	analyze the role of macro an	nd micro nutrients in human health.		

		Core Course	
Course Co	de: GLND12	Course Title: Principles Of Nutrition	
On success	ful completion of the co	urse, the learners should be able to	
CO1.	recall the nutritional status, role and deficiencies of various nutrients.		
CO2.	specify the classification, functions, digestion, absorption and sources of various nutrients.		
CO3.	explain BMR, factors influencing BMR, total energy requirement of body and calorimetric methods.		
CO4.	identify the role of food and nutrients in health and disease prevention.		
CO4.			
CO4.		macro and micro nutrients in human health. Allied Course	
CO5.	analyze the role of	Allied Course	
CO5.			
CO5.	analyze the role of r	Allied Course	
CO5.	analyze the role of ro	Allied Course Course Title: Human Development	
Course Co On success	analyze the role of recall the growth and	Allied Course Course Title: Human Development urse, the learners should be able to I development at different stages of life. social, emotional, motor, cognitive and language development	
Course Co On success CO1.	analyze the role of recall the growth and outline the physical, sof various stages of liexplain pre-natal and	Allied Course Course Title: Human Development urse, the learners should be able to I development at different stages of life. social, emotional, motor, cognitive and language development	
CO5. Course Co On success CO1. CO2.	analyze the role of recall the growth and outline the physical, sof various stages of liexplain pre-natal and immunization of the problems at old age.	Allied Course Course Title: Human Development urse, the learners should be able to development at different stages of life. social, emotional, motor, cognitive and language developmentife. post-natal care, complications in pregnancy, labour,	

Core Course			
Course Code	e: GLND21	Course Title: Nutritional Biochemistry	
On successful completion of the course, the learners should be able to			
CO1.	recall the structure and classification of various nutrients.		
CO2.	describe the metabolism and biochemical role of various nutrients.		
CO3.	CO3. outline the functions and mode of action of different enzymes.		
CO4.	explain the inborn errors of metabolism.		
CO5.	analyze the functio human health.	ns and biochemical role of various nutrients and enzymes in	

		Core Course
Course Co	de: GLND21	Course Title: Nutritional Biochemistry
On success	ful completion of the	course, the learners should be able to
CO1.	recall the structure	e and classification of various nutrients.
CO2.	describe the metabolism and biochemical role of various nutrients.	
CO3.	outline the function	ons and mode of action of different enzymes.
CO4.	explain the inborr	n errors of metabolism.
CO5.	analyze the functions and biochemical role of various nutrients and enzymes in	
	human health. de: GLND2A	Allied Course Course Title: Human Physiology
Course Co	human health. de: GLND2A	Allied Course Course Title: Human Physiology
Course Co	human health. de: GLND2A	Allied Course
Course Co	human health. de: GLND2A ful completion of the	Allied Course Course Title: Human Physiology
Course Co	de: GLND2A ful completion of the recall the structure the body. explain the various	Allied Course Course Title: Human Physiology course, the learners should be able to
Course Co On success CO1.	de: GLND2A ful completion of the recall the structure the body. explain the various reproductive systems.	Allied Course Course Title: Human Physiology course, the learners should be able to e, digestion, absorption and functions of various organ systems or us components involved in digestive system, respiratory system
Course Co On success CO1. CO2.	de: GLND2A ful completion of the recall the structure the body. explain the various reproductive system comprehend the second comprehend comprehend the second comprehend comprehend the second comprehend com	Allied Course Course Title: Human Physiology course, the learners should be able to e, digestion, absorption and functions of various organ systems or us components involved in digestive system, respiratory system em, endocrine system and nervous system.

	Core Course				
Course Code	e: GLND2L	Course Title: lab – I			
On successful completion of the course, the learners should be able to					
CO1.	explain various cooking methods of foods.				
CO2.	compare and contras	st different food groups and their composition.			
CO3.	CO3. experiment the various cooking methods of basic food groups.				
CO4.	demonstrate qualitative and quantitative estimation of nutrients of food.				
CO5.	examine glucose lev	vel in blood and urine samples to identify disorders.			

		Core Course	
Course Co	ode: GLND2L	Course Title: lab – I	
On success	ful completion of the	he course, the learners should be able to	
CO1.	explain various	cooking methods of foods.	
CO2.	compare and contrast different food groups and their composition.		
CO3.	experiment the	various cooking methods of basic food groups.	
CO4.	demonstrate qua	alitative and quantitative estimation of nutrients of food.	
CO5.	examine glucos	e level in blood and urine samples to identify disorders.	
On success	ful completion of the	he course, the learners should be able to	
	identify and explain the structure and functions of various human organs.		
CO1.		examine the microscopic structure and functions of various glands.	
CO1.		croscopic structure and functions of various glands.	
	examine the mid	od grouping and relate blood coagulation process.	
CO2.	examine the mid		
CO2.	examine the mide experiment blood define various to	od grouping and relate blood coagulation process.	
CO2. CO3. CO4.	examine the mide experiment blood define various to	od grouping and relate blood coagulation process. echniques involved in assessing the child development.	
CO2. CO3. CO4.	examine the mide experiment blood define various to	od grouping and relate blood coagulation process. echniques involved in assessing the child development.	
CO2. CO3. CO4.	examine the mide experiment blood define various to	od grouping and relate blood coagulation process. echniques involved in assessing the child development.	

		Core Course	
Course Co	de: GLND31	Course Title: Nutrition Through Life Cycle	
On success	ful completion of the	course, the learners should be able to	
CO1.	outline the food grevarious stages of li	oups, food pyramid and principles of meal planning diets for the fe.	
CO2.		explain the principles of planning diets, RDA and nutritional needs for various stages of life and breast feeding and artificial feeding.	
		problems, complications and physiological changes of	
CO3.	pregnancy, lactatio	n and old age and nutritional requirements for various stages of	
	identify the dietary modification and nutritional requirements for various stages of		
CO4.	identify the dietary life span.	modification and nutritional requirements for various stages of	
CO4.	life span. prescribe appropria	modification and nutritional requirements for various stages of atte diet for any individual and compare breast feeding with y analyzing its composition.	
	life span. prescribe appropria	ate diet for any individual and compare breast feeding with	
CO5.	life span. prescribe appropria	ate diet for any individual and compare breast feeding with y analyzing its composition.	
CO5.	life span. prescribe appropria artificial feeding by	te diet for any individual and compare breast feeding with y analyzing its composition. Core Course	
CO5.	life span. prescribe appropria artificial feeding by de: GLND32 ful completion of the o	te diet for any individual and compare breast feeding with y analyzing its composition. Core Course Course Title: Food safety and Quality Control	
Course Co On success	life span. prescribe appropria artificial feeding by de: GLND32 ful completion of the outlines the objection	Core Course Course Title: Food safety and Quality Control course, the learners should be able to	
Course Co On success CO1.	life span. prescribe appropria artificial feeding by artificial f	Core Course Course Title: Food safety and Quality Control course, the learners should be able to ve, principle and stages of food safety and food hazards.	
Course Co On success CO1. CO2.	life span. prescribe appropria artificial feeding by artificial f	Core Course Course Title: Food safety and Quality Control course, the learners should be able to ve, principle and stages of food safety and food hazards. ole of National and International agencies in establishing food	

Core Course				
Course Code	e: GLND32	Course Title: Food safety and Quality Control		
On successful completion of the course, the learners should be able to				
CO1.	outlines the objectiv	ve, principle and stages of food safety and food hazards.		
CO2.	comprehend the role of National and International agencies in establishing standard.			
CO3.				
CO4.	explain about adulteration and food additives, evaluation techniques and test used to analyze food.			
CO5.	analyze the quality,	safety and standard of any food.		

		Allied Course
Course Code	e: GLND3A	Course Title: Food Preservation
On successfu	l completion of the co	ourse, the learners should be able to
CO1.	recall the principles	and various methods of food preservation techniques.
CO2.	outline food spoilag	ge and role of preservatives.
CO3.	describe the influence process of preservat	ce of food preservatives and preservative techniques in the tion technology.
CO4.	explain the techniqu	nes, procedure and types for preserving various food products.
CO5.	apply the preservation products.	on methods and techniques in preserving various food

		Allied Course
Course Co	ode: GLND3A	Course Title: Food Preservation
On success	sful completion of the	e course, the learners should be able to
CO1.	recall the principl	les and various methods of food preservation techniques.
CO2.	outline food spoil	lage and role of preservatives.
CO3.		ence of food preservatives and preservative techniques in the vation technology.
CO4.	explain the techni	iques, procedure and types for preserving various food products.
CO5.	apply the preserv products.	ation methods and techniques in preserving various food
Course Co	ode: GLND41	Core Course Course Title: Food Microbiology
		Course Title: Food Microbiology
	sful completion of the	Course Title: Food Microbiology e course, the learners should be able to
	sful completion of the	Course Title: Food Microbiology
On success	explain the morph microorganisms.	Course Title: Food Microbiology e course, the learners should be able to hological, characteristics and industrial importance of
On success CO1.	explain the morph microorganisms. determine the me food. comprehend food	Course Title: Food Microbiology e course, the learners should be able to hological, characteristics and industrial importance of
On success CO1.	explain the morph microorganisms. determine the me food. comprehend food and milk products	Course Title: Food Microbiology e course, the learners should be able to hological, characteristics and industrial importance of thods and substances used to control the growth of microbes in the spoilage in cereals and cereal products, vegetables, fruits, milk

		Allied Course
Course Co	de: GLND4A	Course Title: Family Resource Management
On success	ful completion of the c	ourse, the learners should be able to
CO1.	outline the concept	of resource management and types of family resources.
CO2.	explain the types of work simplification	of decision making technique, budgeting, time management in
CO3.	analyze the types ar	nd principles of design and color.
CO4.	apply decision mak	ing techniques, time management process and budget for oup.
CO5.	discuss about the fu	urniture, lighting, accessories and flower arrangement based or
	their uses.	Core Course
	their uses.	
Course Co	de: GLND4L	Core Course
Course Co	de: GLND4L ful completion of the c	Core Course Course Title: Lab II ourse, the learners should be able to
Course Co	de: GLND4L ful completion of the complanning, preparing groups.	Core Course Course Title: Lab II
Course Co On success CO1.	de: GLND4L ful completion of the complanning, preparing groups. develop skills to pre	Core Course Course Title: Lab II ourse, the learners should be able to and serving a meal for various income groups and various ag
Course Co On success CO1. CO2.	de: GLND4L ful completion of the complanning, preparing groups. develop skills to predict identify the microso	Core Course Course Title: Lab II ourse, the learners should be able to and serving a meal for various income groups and various age epare packed lunches and weaning mix.
Course Co On success CO1. CO2. CO3.	de: GLND4L ful completion of the complanning, preparing groups. develop skills to predidentify the microsome examine the stained	Core Course Course Title: Lab II ourse, the learners should be able to and serving a meal for various income groups and various age epare packed lunches and weaning mix. copic structure of microorganism.

		Core Course
Course Code	e: GLND4L	Course Title: Lab II
On successfu	l completion of the co	ourse, the learners should be able to
CO1.	planning, preparing groups.	and serving a meal for various income groups and various age
CO2.	develop skills to pre	epare packed lunches and weaning mix.
CO3.	identify the microsc	opic structure of microorganism.
CO4.	examine the stained	and unstained organisms.
CO5.	examine the micro-	organisms in various food items.

		Allied Course
Course Code	e: GLND4AL	Course Title: Allied Lab II
On successfu	l completion of the co	ourse, the learners should be able to
CO1.	describe and prepare	e the preserved food by various preservation techniques.
CO2.	adapt drying and rel	nydration methods to prepare food items and avoid wastage.
CO3.	apply color harmon	y in flower arrangement.
CO4.	develop skills in pla	unning a budget for different income groups.
CO5.	analyze sensory eva	luation on foods for quality assurance of food products.

		Allied Course
Course Co	de: GLND4AL	Course Title: Allied Lab II
On success	ful completion of the c	ourse, the learners should be able to
CO1.	describe and prepar	e the preserved food by various preservation techniques.
CO2.	adapt drying and re	hydration methods to prepare food items and avoid wastage.
CO3.	apply color harmon	y in flower arrangement.
CO4.	develop skills in pla	anning a budget for different income groups.
CO5.	analyze sensory eva	aluation on foods for quality assurance of food products.
On success	ful completion of the c	ourse, the learners should be able to
CO1.	explain the basic co	oncept of health and fitness.
CO2.	identify the indicate	ors responsible for health.
CO3.	analyze the basic fu	nction of food groups.
CO4.	discuss factors affective	Course Title: Introduction to Food and Nutrition ourse, the learners should be able to oncept of health and fitness. ors responsible for health. onction of food groups. cting and assessment of physical fitness. healthy food and exercise in life.
	describe the role of	healthy food and exercise in life.
CO5.		

		Elective Course
Course Code	e: GLND4N	Course Title: Health and Fitness
On successfu	l completion of the co	ourse, the learners should be able to
CO1.	explain the basic co	ncept of health and fitness.
CO2.	identify the indicato	ors responsible for health.
CO3.	analyze the basic fu	nction of food groups.
CO4.	discuss factors affect	eting and assessment of physical fitness.
CO5.	describe the role of	healthy food and exercise in life.

Course Code: GLND4N Course Title: Health and Fitness On successful completion of the course, the learners should be able to CO1. explain the basic concept of health and fitness. CO2. identify the indicators responsible for health. CO3. analyze the basic function of food groups. CO4. discuss factors affecting and assessment of physical fitness. CO5. describe the role of healthy food and exercise in life. Skill Based Course Course Code: GLND4DS Course Title: Food Product Development On successful completion of the course, the learners should be able to CO1. recall the various concept of new food product. CO2. identify the various packaging materials, marketing strategies available in tomarket. CO3. outline the labeling of different food products. CO4. apply the new techniques in marketing strategies.			Elective Course
CO2. identify the indicators responsible for health. CO3. analyze the basic function of food groups. CO4. discuss factors affecting and assessment of physical fitness. CO5. describe the role of healthy food and exercise in life. Skill Based Course Course Code: GLND4DS Course Title: Food Product Development On successful completion of the course, the learners should be able to CO1. recall the various concept of new food product. CO2. identify the various packaging materials, marketing strategies available in the market. CO3. outline the labeling of different food products.	Course Co	ode: GLND4N	Course Title: Health and Fitness
CO2. identify the indicators responsible for health. CO3. analyze the basic function of food groups. CO4. discuss factors affecting and assessment of physical fitness. CO5. describe the role of healthy food and exercise in life. Skill Based Course Course Code: GLND4DS Course Title: Food Product Development On successful completion of the course, the learners should be able to CO1. recall the various concept of new food product. CO2. identify the various packaging materials, marketing strategies available in the market. CO3. outline the labeling of different food products.	On success	ful completion of the c	course, the learners should be able to
CO3. analyze the basic function of food groups. CO4. discuss factors affecting and assessment of physical fitness. CO5. describe the role of healthy food and exercise in life. Skill Based Course Course Code: GLND4DS	CO1.	explain the basic co	oncept of health and fitness.
CO4. discuss factors affecting and assessment of physical fitness. CO5. describe the role of healthy food and exercise in life. Skill Based Course Course Code: GLND4DS	CO2.	identify the indicate	ors responsible for health.
CO5. describe the role of healthy food and exercise in life. Skill Based Course Course Code: GLND4DS	CO3.	analyze the basic fu	unction of food groups.
Skill Based Course Course Code: GLND4DS Course Title: Food Product Development On successful completion of the course, the learners should be able to CO1. recall the various concept of new food product. CO2. identify the various packaging materials, marketing strategies available in t market. CO3. outline the labeling of different food products.	CO4.	discuss factors affective	cting and assessment of physical fitness.
Course Code: GLND4DS Course Title: Food Product Development On successful completion of the course, the learners should be able to CO1. recall the various concept of new food product. CO2. identify the various packaging materials, marketing strategies available in the market. CO3. outline the labeling of different food products.	CO5.	describe the role of	healthy food and exercise in life.
CO1. recall the various concept of new food product. CO2. identify the various packaging materials, marketing strategies available in the market. CO3. outline the labeling of different food products.			
CO2. identify the various packaging materials, marketing strategies available in the market. CO3. outline the labeling of different food products.			
CO3. outline the labeling of different food products.		ful completion of the c	course, the learners should be able to
outline the labeling of unferent food products.	On success	-	
CO4. apply the new techniques in marketing strategies.	On success	recall the various co	oncept of new food product.
1 2 2	On success CO1. CO2.	recall the various consideration identify the various market.	oncept of new food product. Is packaging materials, marketing strategies available in the
CO5. analyze the new methods used for the packaging and labeling in the products.	On success CO1. CO2. CO3.	recall the various consideration identify the various market.	oncept of new food product. Is packaging materials, marketing strategies available in the of different food products.

		Core Course
Course Code	e: GLND51	Course Title: Therapeutic Diet
On successfu	l completion of the co	ourse, the learners should be able to
CO1.	outline the role of di Parenteral Nutrition	ietitian, types of hospital diet, special feeding methods and Total .
CO2.	identify the etiology	, symptoms and dietary management for various diseases.
CO3.	comprehend dietary	principles in planning therapeutic diet for disease conditions.
CO4.	explain dietary mod	ifications according to the disease condition.
CO5.	plan therapeutic die assessment.	ts for various diseases based on their physical and biochemical

		Core Course
Course Co	ode: GLND51	Course Title: Therapeutic Diet
On success	ful completion of the	course, the learners should be able to
CO1.	outline the role of o	dietitian, types of hospital diet, special feeding methods and Totan.
CO2.	identify the etiolog	y, symptoms and dietary management for various diseases.
CO3.	comprehend dietar	y principles in planning therapeutic diet for disease conditions.
CO4.	explain dietary mo	difications according to the disease condition.
CO5.	plan therapeutic diassessment.	ets for various diseases based on their physical and biochemica
Course Co	ode: GLND5L	Core Course Course Title: Lab – III
		Course Title: Lab – III
		Course Title: Lab – III course, the learners should be able to
On success	ful completion of the completi	Course Title: Lab – III course, the learners should be able to
On success	ful completion of the control create therapeutic has decide diets for the	Course Title: Lab – III course, the learners should be able to nospital diets.
On success CO1. CO2.	create therapeutic h	Course Title: Lab – III course, the learners should be able to nospital diets. e patients with metabolic disorders.

		Core Course
Course Code	e: GLND61	Course Title: Therapeutic Diet and Counselling
On successfu	l completion of the co	ourse, the learners should be able to
CO1.	recall the concept of appropriate diet.	of diet counseling, assessing the patient's needs and prescribe
CO2.	outline the etiology,	symptoms of various disease and disorders.
CO3.	explain the principle	es of diet and nutritional requirement for various diseases.
CO4.	identify suitable die	tary modifications for various diseases and genetic disorders.
CO5.	plan and prescribe d	liet for various disease conditions.

		Core Course
Course Co	de: GLND61	Course Title: Therapeutic Diet and Counselling
On success	ful completion of the	course, the learners should be able to
CO1.	recall the concept appropriate diet.	of diet counseling, assessing the patient's needs and prescribe
CO2.	outline the etiology	y, symptoms of various disease and disorders.
CO3.	explain the princip	les of diet and nutritional requirement for various diseases.
CO4.	identify suitable di	etary modifications for various diseases and genetic disorders.
CO4.		diet for various disease conditions. Core Course
CO5.	plan and prescribe	diet for various disease conditions. Core Course
CO5.		diet for various disease conditions.
Course Co	plan and prescribe	diet for various disease conditions. Core Course
Course Co	plan and prescribe ode: GLND62 ful completion of the	diet for various disease conditions. Core Course Course Title: Food Service Management course, the learners should be able to of food service institution, food plant layout, food management
Course Co	plan and prescribe ode: GLND62 ful completion of the recall the concept and food cost control outline the types of	Core Course Course Title: Food Service Management course, the learners should be able to of food service institution, food plant layout, food management rol.
Course Co On success CO1.	plan and prescribe ode: GLND62 ful completion of the recall the concept and food cost cont outline the types of menus and functio apply the concept	Core Course Course Title: Food Service Management course, the learners should be able to of food service institution, food plant layout, food management rol. of food service institutions, selection and types of equipment's ns of management. of food purchasing, table setting, personal management, left over
Course Co On success CO1. CO2.	plan and prescribe plan and prescribe de: GLND62 ful completion of the recall the concept and food cost control outline the types of menus and function apply the concept foods, standardiz management.	Core Course Course Title: Food Service Management course, the learners should be able to of food service institution, food plant layout, food management rol. of food service institutions, selection and types of equipment's

Core Course			
Course Code	e: GLND6L	Course Title: Lab - IV	
On successful completion of the course, the learners should be able to			
CO1.	illustrate and prepar	illustrate and prepare therapeutic diet for various diseases.	
CO2.	examine calorie counting and nutritive value to develop skill in diet planning.		
CO3.	illustrate diet management in sports nutrition for being healthy.		
CO4.	formulate the idea to cure genetic disorders.		
CO5.	adopt entrepreneuria	al skill through quality cooking, preparation and organization.	

		Core Course
Course Code: GLND6L		Course Title: Lab - IV
On successful	completion of the	course, the learners should be able to
CO1.	illustrate and prepare	are therapeutic diet for various diseases.
CO2.	examine calorie counting and nutritive value to develop skill in diet planning.	
CO3.	illustrate diet management in sports nutrition for being healthy.	
CO4.	formulate the idea	to cure genetic disorders.
CO5.	adopt entrepreneur	rial skill through quality cooking, preparation and organization.
		Course Title: Project
On successful	completion of the	course, the learners should be able to
CO1.	outline the research methods and need for the research.	
CO2.	apply research techniques and ideas to make desirable outcome.	
	develop knowledge on communication and diet counseling.	
CO3.		
CO4.	create awareness a	and counsel the patients with diet modification according to the atients.

		Elective Course	
Course Co	ode: GLND5E1	Course Title: Community Nutrition	
On success	sful completion of the	ne course, the learners should be able to	
CO1.	relate the concep	relate the concept of community nutrition and ecology of mal nutrition.	
CO2.	discuss the nutritional status of the community/ individual by various assessment methods.		
CO3.	explain the vario	ous nutrition education programmes.	
CO4.		e of national and international organization in welfare of the	
CO5.	community. apply the knowledge acquired on nutritional assessment, nutritional education and nutritional programme for the welfare of the community by creating awareness on		
CO3.			
	nutritional progr	amme for the welfare of the community by creating awareness on	
Course Co	nutritional progr the same.	amme for the welfare of the community by creating awareness on Elective Course	
Course Co	nutritional progrethe same. ode: GLND5E2 sful completion of the	Elective Course Course Title: Food Packaging	
Course Co	nutritional progrethe same. ode: GLND5E2 sful completion of the outline the funct	Elective Course Course Title: Food Packaging ne course, the learners should be able to	
Course Co On success CO1.	nutritional progrethe same. ode: GLND5E2 sful completion of the outline the funct categorize the parameters.	Elective Course Course Title: Food Packaging ne course, the learners should be able to ions of food packaging and applications of food packages.	
Course Co On success CO1. CO2.	nutritional progrethe same. Description of the same o	Elective Course Course Title: Food Packaging ne course, the learners should be able to ions of food packaging and applications of food packages. ackaging materials according to the purpose and requirement.	

Elective Course			
Course Code	e: GLND5E2	Course Title: Food Packaging	
On successful completion of the course, the learners should be able to			
CO1.	outline the functions of food packaging and applications of food packages.		
CO2.	categorize the packaging materials according to the purpose and requirement.		
CO3.	choose the packages for radiation stabilized foods.		
CO4.	assess the suitable packages for dehydrated products.		
CO5.	make up the finished	d goods using different procedures in labeling.	

	Elective Course			
Course Code	e: GLN5E3	Course Title: Extension Education		
On successful completion of the course, the learners should be able to				
CO1.	explain the steps in	explain the steps in extension education and qualities of extension educator.		
CO2.	list the objectives and principles of community development.			
CO3.	inspect the techniques of communication for development of communication in a community.			
CO4.	formulate extension programme for the welfare of people.			
CO5.	organize developme empowerment in a c	ental programme to benefit the people and ensures women community.		

		Elective Course
Course Co	de: GLN5E3	Course Title: Extension Education
On success	ful completion of the c	ourse, the learners should be able to
CO1.	explain the steps in	extension education and qualities of extension educator.
CO2.	list the objectives and principles of community development.	
CO3.	inspect the technique community.	ues of communication for development of communication in a
~~ :	formulate extension programme for the welfare of people.	
CO4.	formulate extension	programme for the welfare of people.
CO4.		ental programme to benefit the people and ensures women
CO5.	organize developme empowerment in a o	ental programme to benefit the people and ensures women community. Elective Course
CO5.	organize developme	ental programme to benefit the people and ensures women community.
CO5.	organize developme empowerment in a o	ental programme to benefit the people and ensures women community. Elective Course
CO5.	organize developme empowerment in a december of the completion of	Elective Course Course Title: Functional Foods and Nutraceuticals
Course Co	organize developme empowerment in a december of the completion of the complete	Elective Course Course Title: Functional Foods and Nutraceuticals ourse, the learners should be able to
Course Co On success CO1.	organize developme empowerment in a december of the completion of the complete the role and in summarize the structure.	Elective Course Course Title: Functional Foods and Nutraceuticals ourse, the learners should be able to mportance of nutraceuticals.
Course Co On success CO1. CO2.	organize developme empowerment in a construction of the construction of the construction of the construction of the summarize the struction of the various	Elective Course Course Title: Functional Foods and Nutraceuticals ourse, the learners should be able to mportance of nutraceuticals. cture, properties and uses of functional foods and antioxidants.

	Elective Course			
Course Code	e: GLND6E1	Course Title: Textiles and Clothing		
On successful completion of the course, the learners should be able to				
CO1.	compare and contra	st natural and man- made fibre.		
CO2.	examine the twist, counts and types of yarns with its applicability.			
CO3.	demonstrate the construction in fabrics, types of weaving and its benefits.			
CO4.	formulate textile finishing, and improve technical skill in textiles.			
CO5.	categorize dying and printing.	d printing, methods of dying, compare hand and machine		

		Elective Course
Course Co	de: GLND6E1	Course Title: Textiles and Clothing
On success	ful completion of the c	ourse, the learners should be able to
CO1.	compare and contra	st natural and man- made fibre.
CO2.	examine the twist, counts and types of yarns with its applicability.	
CO3.	demonstrate the con	estruction in fabrics, types of weaving and its benefits.
CO4.	formulate textile finishing, and improve technical skill in textiles.	
	categorize dying and printing, methods of dying, compare hand and machine	
CO5.		
CO5.	categorize dying and printing.	d printing, methods of dying, compare hand and machine Elective Course
CO5.	categorize dying and	d printing, methods of dying, compare hand and machine
CO5.	categorize dying and printing. de: GLND6E2	d printing, methods of dying, compare hand and machine Elective Course
CO5.	categorize dying and printing. de: GLND6E2 ful completion of the c	d printing, methods of dying, compare hand and machine Elective Course Course Title: Food Biotechnology
Course Co On success	categorize dying and printing. de: GLND6E2 ful completion of the capply the idea of George	Elective Course Course Title: Food Biotechnology ourse, the learners should be able to
Course Co On success CO1.	categorize dying and printing. de: GLND6E2 ful completion of the categorize the micro	Elective Course Course Title: Food Biotechnology ourse, the learners should be able to enetically Modified Foods its benefits and hazards.
Course Co On success CO1. CO2.	categorize dying and printing. de: GLND6E2 ful completion of the categorize the microexplain the preparate	Elective Course Course Title: Food Biotechnology ourse, the learners should be able to enetically Modified Foods its benefits and hazards. obial fermentation technique and its applicability.

		Self-Employment Course	
Course Co	de: GLSE70	Course Title: Food Processing and Preparation	
On success	ful completion of the	course, the learners should be able to	
CO1.	outline the conce importance.	ept of food processing; classify preservatives, its role and	
CO2.	apply the procedure involved in preparation of pickles, sauce, squashes.		
CO3.	explain various me	explain various methods to use prepare dehydrated products and candies.	
CO4.	compile the proper	use of food products to avoid wastage.	
COS			
CO5.	improve entreprend	Self-Employment Course	
	ode: GLSE70L		
Course Co	ode: GLSE70L	Self-Employment Course	
Course Co	de: GLSE70L ful completion of the	Self-Employment Course Course Title: Food Processing and Preparation Practical	
Course Co On success	de: GLSE70L ful completion of the formulate their ow	Self-Employment Course Course Title: Food Processing and Preparation Practical course, the learners should be able to	
Course Co On success CO1.	ful completion of the formulate their ow demonstrate the pr	Self-Employment Course Course Title: Food Processing and Preparation Practical course, the learners should be able to n preparations adopting preservation techniques.	
Course Co On success CO1. CO2.	ful completion of the formulate their ow demonstrate the prillustrate the preparation of the formulate their own demonstrate the preparation of the formulate the formulate the formulate the preparation of the formulate the formulate the formulate the preparation of the formulate the formulate the formulate the preparation of the formulate the form	Self-Employment Course Course Title: Food Processing and Preparation Practical course, the learners should be able to n preparations adopting preservation techniques. eparation of dehydrated products like vadam.	
Course Co On success CO1. CO2. CO3.	ful completion of the formulate their ow demonstrate the prillustrate the prepared elaborate the utiliz	Self-Employment Course Course Title: Food Processing and Preparation Practical course, the learners should be able to a preparations adopting preservation techniques. eparation of dehydrated products like vadam. ration of mango fruit cheese and syrup.	

Self-Employment Course			
Course Code	e: GLSE70L	Course Title: Food Processing and Preparation Practical	
On successful completion of the course, the learners should be able to			
CO1.	formulate their own	preparations adopting preservation techniques.	
CO2.	demonstrate the preparation of dehydrated products like vadam.		
CO3.	illustrate the preparation of mango fruit cheese and syrup.		
CO4.	elaborate the utilization of food materials for long term use.		
CO5.	develop self-directe	d opportunities for sustainable self-income.	