



Children's University
School of Nutrition and Health
Department of Home Science
Gandhinagar

ACADEMIC YEAR
2020-2021

M.Sc.-FN

Year	I	Course Type: Core Compulsory Course No: CCFN 102 Course Title: Diet Therapy	Credits	4
Semester	I		Hours/wk	4
Objectives	<ol style="list-style-type: none"> 1. To enable the students to understand processes involved in nutritional care, 2. To enable them to know purpose(s) of therapeutic diet adaptations, 3. To enable them to understand relationship between nutrition and infection, 4. To enable them to understand protocol for prescribing these nutritional support 			
COURSE CONTENT / SYLLABUS-THEORY				
UNIT - I	Medical Nutrition Therapy <ul style="list-style-type: none"> • Definitions and Role of Dietician in Health Care <ul style="list-style-type: none"> • Dietetics the Science and Art of Human Nutrition Care • Role of Dietician in Health Care • The Nutrition Care Process (NCP) <ul style="list-style-type: none"> • Nutrition Assessment • Nutritional Diagnosis • Nutrition Intervention • Nutrition Monitoring and Evaluation • Documentation • Importance of Coordinated Nutritional and Rehabilitation Services • Patient Care and Counselling <ul style="list-style-type: none"> • Patient Care • Counselling 			
Unit II	Therapeutic Diets <ul style="list-style-type: none"> • Introduction • Types of Dietary Adaptations for Therapeutic Needs • Normal Nutrition: A Base of Therapeutic Diet • Diet Prescription • Constructing Therapeutic Diets • Routine Hospital Diet <ul style="list-style-type: none"> • Normal or General Diets • Liquid Diets • Soft Diets • Mode of Feeding <ul style="list-style-type: none"> • Oral Feeding • Tube or Enteral Feeding • Peripheral Vein Feeding • Total Parenteral Nutrition 			

<p>UnitIII</p>	<p>Nutritional Management in Fever and infection</p> <ul style="list-style-type: none"> • Defence Mechanism in the Body • Nutrition and Infection • Metabolic Changes during Infection • Classification and Etiology of Fever infection • Typhoid • Chronic Fever / Infection <ul style="list-style-type: none"> • Tuberculosis • HIV (Human Immuno Deficiency Virus) Infection and AIDS (Acquired Immune Deficiency Syndrome)
<p>Unit IV</p>	<p>Medical Nutritional Therapy in Critical Care</p> <ul style="list-style-type: none"> • Nutritional management of Critically Ill • Special feeding method in nutritional Support <ul style="list-style-type: none"> • Enteral Nutrition(EN) benefits advantages of EN Indications for enteric tube feeding for adults and children, Enteral feeds and their specific characteristics • Parenteral Nutrition Daily intravenous nutritional requirements in infants and children, PN products available in Indian market Transitioning to Oral Feeding • Nutrition care in immune deficiency diseases <ul style="list-style-type: none"> • Care during HIVaids • Care during Cancers
<p>Reference</p>	
<ol style="list-style-type: none"> 1. Robinson CH, Laer MR, Chenoweth WL and Garovich AE (1998). Normal and Therapeutic Nutrition (17thed.). Macmillan Publishing Company, New York 2. Mahan KL and Stump SE (2007). Krause's Food and Nutrition Therapy (12thed.)Saunders Publishing 3. Association of Physicians of India (1998). API Textbook of Medicine, Vol. I and II. Published by Association of Physicians of India 4. શેરાપ્યુટિકન્યુટ્રિશન By ભાવના વૈદ્ય 5. ફન્ક્શનલ ઓફ ફૂડ્સ એન્ડ ન્યુટ્રિશન 	