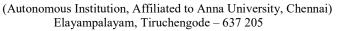


VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN





DEPARTMENT OF BIOTECHNOLOGY

Course Code / Name U13BTE18-THERAPEUTIC NUTRITION:

Class (Year / Programme / Department / Section):IV/ B.TECH/ BT

UNIT-1-NUTRITIONAL ASSESSMENT & CARE OF PATIENTS

S.No	Topics To Be Covered	Duration in Minutes	Teaching Aid	Books Referred
1.	Nutrition care process, Nutritional screening assessment of patients	45	BB	T1
2.	Nutritional assessment of patients out patient & hospitalized	45	BB	T2,R1
3.	Nutritional interpretation of routine medical data	45	BB	T2
4.	Nutritional interpretation of routine laboratory data	45	BB	T1
5.	Nutrition care plan and implementation	45	PPT	T2,R2
6.	Monitoring and follow up	45	BB	R2
7.	Ethical issues.	45	PPT	T1,R2
8.	Dietary Counseling	45	BB	T2
9.	Nutrition Support: Enteral Nutrition	45	PPT	T2

UNIT-II -WEIGHT MANAGEMENT & DIABETES MANAGEMENT

10.	Topics To Be Covered	Duration in Minutes	Teaching Aid	Books Referred
11.	Etiopathophysiology	45	BB	T1
12.	metabolic & clinical aberrations.	45	PPT	T2,R1
13.	Diagnosis, complications, treatment, MNT	45	BB	T2
14.	Dietary counseling and recent advances in Weight imbalance disorders- Overweight and Underweight	45	PPT	T1

15.	Dietary counseling and recent advances in Diabetes Mellitus	45	BB	T2,R2
	Type 1, Type 2			
16.	Dietary counseling and recent advances in Diabetes Mellitus	45	PPT	R2
10.	Gestational diabetes			
17.	Revision	45	BB	T1,R2
18.	Quiz test for 1 st and 2 nd lesson	45	PPT	T2
19.	Revision of 1 st and 2 nd lesson for internal	45	BB	T2

UNIT-III-CARDIOVASCULAR DISORDERS

	Topics To Be Covered	Duration in Minutes	Teaching Aid	Books Referred
20.	Cardio Vascular Diseases	45	PPT	T1
21.	hypertension, hyperlipidemia	45	BB	T2,R1
22.	metabolic syndrome	45	PPT	T2
23.	peripheral and cerebro vascular disease	45	BB	T1
24.	Etiopathophysiology	45	PPT	T2,R2
25.	metabolic & clinical aberrations	45	BB	R2
26.	diagnosis, complications, treatment,	45	PPT	T1,R2
27.	MNT	45	BB	T2
28.	dietary counseling	45	PPT	T2

UNIT-IV GI TRACT DISORDERS

	Topics To Be Covered	Durationin Minutes	Teaching Aid	Books Referred
29.	Disscusion about GI Tract Disorder	45	BB	T1
30.	Gastrointestinal tract Disorders – GERD	45	BB	T2,R1
31.	GERD peptic ulcer	45	PPT	T2
32.	GERD diarrhoea	45	BB	T1
33.	GERD lactose intolerance	45	BB	T2,R2
34.	GERD celiac disease	45	PPT	R2

35.	GI tract disorders- A CASE STUDY	45	BB	T1,R2
36.	Current stragies	45	BB	T2
37.	Quiz test	45	BB	T2
	UNIT-V OTER DISEASES			I
	Topics To Be Covered	Duration in Minutes	Teaching Aid	Books Referred
38.	Disscsion about Degenerative Disorders	45	BB	T1
39.	Cancer - Role of diet in etiology	45	BB	T2,R1
40.	Cancer – management	45	BB	T2
41.	Alzheimer's disease	45	BB	T1
42.	Parkinson's disease	45	PPT	T2,R2
43.	HIV-AIDS	45	BB	R2
44.	Role of diet in etiology and management	45	PPT	T1,R2
45.	Quiz test	45	BB	T2

TEXT BOOKS:

- 1) Mahan, L. K. and Escott Stump. S. (2008) Krause's Food & Nutrition Therapy 12th ed. Saunders-Elsevier
- 2) Shils, M.E., Shike, M, Ross, A.C., Caballero B and Cousins RJ (2005) Modern Nutrition in Health and Disease. 10th ed. Lipincott, William and Wilkins.

REFERENCE:

1) World Cancer Research Fund & American Institute for Cancer Research (2007) Food,