ST.JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAM

VI SEMESTER **HOMESCIENCE** Time:4Hrs/Week

HS-B1-6201(3)  **CLINICAL NUTRITION** Max.Marks:100

**SYLLABUS**

**OBJECTIVES:** To enable the student to understand –

1. The role of diet in hospitalized patients.
2. Planning and preparation of diets for hospitalized patients.

**COURSE:**

**UNIT – I:** Role of nutrients in maintaining dynamic equilibrium in maintenance,repair and growth.

**UNIT – II:** Clinical effects on alterations in digestion, absorption, fluid and

electrolyte balance. Drugs, food and nutrient interaction.

**UNIT – III:** Nutritional interventions in alterations in blood sugar, nitrogenous

compounds and lipid levels.

**UNIT – IV:** Nutrition in chronic illness- diabetic nephropathy, cardiac arrest, hepatic

coma, renalfailure, cancer, AIDS etc.

**UNIT – V:**. An understanding of the hospitalized patients , complications and holistic

approach.

**SUGGESTED REFERENCES:**

1. Swaminathan, M. (1986) – Principles of Nutrition and Dietetics – BAPPCO, Bangalore.
2. Turner, D. (1964 – Handbook of Diet Therapy – University of Chicago Press, Chicago.
3. Goodhart, R.S., &Shils M.E. (1980) –Modern Nutrition in Health and Disease – K.M. Varghese & Co., New Delhi.
4. Robinson, Ch and Lawler M.A. (1980) Modern and Therapeutic Nutrition – Mac Millan Publishing Co., New York.
5. Anita, F.P., (1973) – Clinical Nutrition and Dietetics–OxfordUniversity Press – New Delhi.
6. Davidson, S., and Passmore, R. (1977) – Human Nutrition and Dietetics - E & S., Livingstone Ltd., London.
7. Some Therapeutic diets – NIN, Hyderabad. (Latest Edition)
8. Nutritive Value of Indian Foods – NIN, Hyderabad.(Latest Edition)

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ST.JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAM

VI SEMESTER **HOMESCIENCE** Time:2Hrs/Week

HS-B1-6251(3)  **CLINICAL NUTRITION** Max.Marks:50

**PRACTICALS**

**OBJECTIVES:** To enable the student to provide nutritional support to hospitalized patients.

**COURSE:**

**UNIT- I:** Review of condition of hospitalized patients, existing practices, strategies and standards followed.

**UNIT- II:** Diets for altered metabolic conditions.

**UNIT- III:** Dietary care of patients with feeding problems

**UNIT- IV:** Dietary care of critically ill patients

**SUGGESTED REFERENCES:**

1. Swaminathan, M. (1986) – Principles of Nutrition and Dietetics – BAPPCO, Bangalore.
2. Turner, D. (1964 – Handbook of Diet Therapy – University of Chicago Press, Chicago.
3. Goodhart, R.S., &Shils M.E. (1980) –Modern Nutrition in Health and Disease – K.M. Varghese & Co., New Delhi.
4. Robinson, Ch and Lawler M.A. (1980) Modern and Therapeutic Nutrition – Mac Millan Publishing Co., New York.
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