



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

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Value Added Course

Nutrition in Clinical Practice


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Value added course : Nutrition in clinical practice

Conducted by : Department of Biochemistry , MGM Medical College Aurangabad in collaboration with Dietician OPD,MGM MC, Aurangabad.

Introduction : There is increasing role of nutrition management in various disorders such as diabetes , obesity , kidney disease and cancer etc. Postgraduate students such as MD, MSc, MBBS graduates can practice nutrition while treating above diseases. Keeping this in view we would like to start value added course in Nutrition which will also enhance research in nutritional disorders and also fulfill nutritionist requirement in community .

Number of Hours : 16

SR NO	Name of Topic	Hours
1	Nutritional importance of commonly used items of food including fruits and vegetables. (macro-molecules & its importance) The importance of various dietary components and explain importance of dietary fibre	02
2	Nutritional importance , Sources, RDA and functions of Carbohydrates.	01
3	Nutritional importance, Sources, RDA and functions of Proteins .	01
4	Nutritional importance , Sources, RDA and functions of Lipids .	01
5	Nutritional importance , Sources, RDA and functions of Vitamins.	01
6	Nutritional importance , Sources, RDA and functions of Various Minerals .	01
	Dietary advice for optimal health in childhood and adult.	01
7	Dietary advice for optimal health in Geriatric age group.	01
8	Metabolism in specific organs in Fed and fasting state.	01
9	Nutritional disorders. Types and causes of protein energy Malnutrition.	01
10	Nutritional therapy in DM.	01
11	Nutritional therapy in Pregnancy and lactation.	01
12	Nutritional therapy in CAD.	01
13	Nutritional therapy in Cancer Patients.	01
14	Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity. Case discussion on obesity.	01
15	Case Discuss on nutritional requirements of surgical patients, the methods of providing nutritional support and their complication	01
16	Dietician OPD posting	04

Total Hours : 20

Eligibility: MBBS, MD ,PhD, MSc ,BSc Nursing, MSc Nursing .

Evaluation Method – MCQ Test

- Course will be conducted Three times a year
- Limited Entries : (25 students per course)