

COURSE	FACULTY OF PHYSIOTHERAPY
PROGRAM	BACHELOR OF PHYSIOTHERAPY
SEMESTER	3
COURSE TITLE	PREVENTIVE HEALTHCARE AND COMMUNITY MEDICINE
COURSE CODE	17PT0306
COURSE CREDITS	4

Course Outcomes: After completion of this course, student will be able to:

- 1 Able to describe the concept of health and diseases, the natural history of diseases.
- 2 Able to describe the health care delivery system and able to describe the health problems of vulnerable groups and national health programmes.
- 3 Able to identify occupational health hazards and their management and describe the role of various health agencies, Non-Government Organisation (NGOs) at the international and national level.
- 4 Acquire the knowledge in preventive and curative measures that are required to be practised in the community and at all levels of the health care system

Pre-requisite of course: To learn Preventive strategies in healthcare and community medicine to prevent diseases in society.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
80	0	0	25	15	10	0	0

Contents : Unit	Topics	Tutorial Hours
1	The general concept of health & disease: Regarding the natural history of disease with pre-pathology phase The general concept of health & disease: Regarding the natural history of disease with pre-pathology phase	4
2	The role of social economics in communities The role of social economics in communities	4
3	Epidemiology and scope Epidemiology and scope	4
4	Public health administration Highlighting the role of social, economic and cultural factors in the implementation of the national programs	4
5	The national health programs Highlighting the role of social, economic and cultural factors in the implementation of the national programs	4
6	Health problems of vulnerable groups Pregnant and lactating women, infants and pre-school children, occupational groups and geriatrics	4
7	Occupational health Definition, scope, occupational diseases and hazards, Social security	4

	and other measures for the protection from occupational hazards, accidents and diseases	
8	Family planning Objectives of national family planning programs and family planning methods, The general idea of advantages and disadvantages of methods	4
9	Mental health Community aspects of mental health: role of physiotherapists/therapists in mental health problems such as mental retardation	4
10	Nutrition and Health Classification of foods, nutritional profiles of principal foods, nutritional problems in public health, community nutrition program	4
11	Environment and Health Components of environment, water and air pollution and public health:, Pollution control, disposal of waste, medical entomology	4
12	Communicable diseases & Non-communicable disease Communicable disease: Respiratory infections, Intestinal infections, Arthropod-borne infections, Zoonoses, Surface infections, Hospital-acquired infections, Non-communicable diseases and conditions: Cardiovascular diseases, Coronary heart disease, Hypertension, Stroke, Rheumatic heart disease, Cancer, Diabetes, Obesity, Blindness, Accidents and Injuries.	4
13	An overall view of communicable diseases classified according to the principle mode of transmission. Role of insects and other vectors An overall view of communicable diseases classified according to the principle mode of transmission. Role of insects and other vectors	4
14	International health agencies International health agencies	4
15	Principles and process of communication Principles and process of communication	3
16	Information Education and Communication (IEC) Information Education and Communication (IEC)	3
17	Health education Philosophy, main principles and objectives, Methods and tools of health education individual and group methods, The role of the profession in health education, Role of another person in health education, co-ordination and co-operation, health education with other members of the health team, Elements of planning health education program	3
18	Hospital waste management Sources of hospital waste, health hazards, waste management	3
19	Disaster Management Natural and manmade disasters, disaster impact and response, relief phase, epidemiologic surveillance and disease control, nutrition, rehabilitation, disaster preparedness	3
20	Preventive medicine in obstetrics, paediatrics and geriatrics Preventive medicine in obstetrics, paediatrics and geriatrics	3
21	MCH problems, antenatal, intranatal and post-natal care, care of children, child health children, rights of the child and national policy for children, MCH services and indicator and MCH care MCH problems, antenatal, intranatal and post-natal care, care of	3

	children, child health children, rights of the child and national policy for children, MCH services and indicator and MCH care	
22	Preventive practice for various conditions Prevention practice for musculoskeletal conditions , Prevention practice for cardiopulmonary conditions , Prevention practice for neuromuscular conditions , Prevention practice for integumentary disorders , Prevention practice for individuals with developmental disabilities	3
Total Hours		80

References:

- 1 Park's textbook of preventive and social medicine
- 2 Textbook of Preventive Practice and Community Physiotherapy, Bellare Bharati Vijay
- 3 Essentials of Community-based Rehabilitation, Satya Bhushan Nagar