

Branch Name:	BACHELOR OF PHYSIOTHERAPY
Program Code:	PT101
Course Title:	PREVENTIVE & SOCIAL MEDICINE
Course Code:	2PT1010306
Pre-requisite Course:	- NONE -

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)			Credit	Evaluation Scheme (Marks)					
Lecture	Tutorial	Practical		Theory(T)		Practical(P)		Total Marks	
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	Theory	Practical
1	-	-	2	40	10	-	-	50	-

COURSE OUTCOMES:

At the end of the course the candidate will be able to

1. Describe the concept of health and diseases, natural history of diseases.
2. Describe the health administration at various levels (centre and state), health care delivery at urban and rural areas.
3. Describe the health problems of vulnerable groups and national health Programs.
4. Explain principles and philosophy of health education and health education tools.
5. Describe the role of various health agencies, NGOs at international and national level.
6. Identify occupational health hazards and its management

Subject Contents:

Sr. No.	Topic	Hours
1	General concept of health & disease With reference to natural history of disease with pre-pathology phase	01
2	The role of social economics in communities	01
3	Epidemiology and scope	02
4	Public health administration a) Overall view of the health administration setup and central and state levels. b) Health care delivery programs in urban and rural areas, health and population statistics	02
5	The national health programs Highlighting the role of social, economic and cultural factors in the implementation of the national programs	01
6	Health problems of vulnerable groups Pregnant and lactating women, infants and pre-school children, occupational groups and geriatrics	02
7	Occupational health a) Definition, scope, occupational diseases and hazards b) Social security and other measures for the protection from occupational hazards, accidents and diseases	05
8	Family planning a) Objectives of national family planning programs and family planning methods b) General idea of advantages and disadvantages of methods	01
9	Mental health Community aspects of mental health: role of physiotherapists / therapists in mental health problems such as mental retardation	05
10	Nutrition and Health Classification of foods, nutritional profiles of principal foods, nutritional problems in public health, community nutrition programs	02
11	Environment and Health Components of environment, water and air pollution and public health: Pollution control, disposal of waste, medical entomology	01
12	Communicable diseases An overall view of communicable diseases classified according to principal mode of transmission. Role of insects and other vectors	02
13	International health agencies	01
14	Principles and process of communication	02
15	IEC (Information Education and Communication)	01
16	Health education a) Philosophy, main principles and objectives b) Methods and tools of health education individual and group methods c) The role of profession in health education d) Role of other personal in health education, coordination and cooperation, health education with other members of the health team e) Elements of planning health education programs	02

18	Hospital waste management Sources of hospital waste, health hazards, waste management	02
19	Disaster Management Natural and manmade disasters, disaster impact and response, relief phase, epidemiologic surveillance and disease control, nutrition, rehabilitation, disaster preparedness.	05

List of References:

Text Books:

1. Park's Textbook of Preventive And Social Medicine- Park, K. 25th Edition.

Reference Books:

1. Physiotherapy Care for Women's Health- Baranitharan, R. 1st Edition.
2. Handbook of Medical Sociology for Nursing, Physiotherapy and Paramedical Students- Malhotra, Varun. 1st Edition.

List of Open Source Software/learning website:

- k-hub.in e library/A single platform for all e resources (K-hub, E Resource)
 - User Name- KB4605VNG
 - Password- BL@69BX!
- knowledgegainer.delnet.in (Delnet, E Resource)
 - User Name- gjspum
 - Password- spu10924

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Discuss the basic concepts of health & disease.	1 Remembering 2 Understanding 3 Applying
CLO2	List of the various types of health programs.	1 Remembering 2 Understanding
CLO3	Understand the occupational health hazards and its management	1 Remembering 2 Understanding 3 Applying 6 Creating
CLO4	Learn the Hospital waste management and its health hazards.	1 Remembering 2 Understanding 3 Applying
CLO5	Learn the role of various health agencies and NGOs.	1 Remembering 2 Understanding
CLO6	Discuss the Health education, role of profession and planning of health education programs.	1 Remembering 2 Understanding

Mapping of CLOs with POs & PSOs

Course Learning Outcomes	Program Outcomes (POs)								Program Specific Outcomes (PSOs)							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CLO1	M	M	H			H							H	H		
CLO2		M		H			L			M			M		H	
CLO3			H					M			M		M			
CLO4				H				M	L					M	M	
CLO5	L	M			M	L		M							M	M
CLO6	M					M	M		L					M	M	

H= High M=Medium L=Low