



Dr. Vithalrao Vikhe Patil Foundation's
COLLEGE OF PHYSIOTHERAPY

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LIST OF COURSES

❖ Environmental awareness-

- Name of Professional Year – 3rd B.P.Th.
- Name of subject – Community Health and Sociology
- No of Hours – 2 Didactic Hours

The term environment implies all external factors- living and non- living, material- which surround man. In its modern concept environment includes not only the water, air, and soil that form our environment but also social and economic conditions under which we live. Environment has been divided into three components- physical biologic and social. The key to man's health is lies largely in the environment. Much of man's ill health has been traced to factors such as water pollution, soil pollution, air pollution, poor housing conditions, presence of animal reservoirs and insect vector borne diseases.

❖ Disaster Management

- Name of Professional Year – 3rd B.P.Th.
- Name of subject – Community Health and Scociology
- No of Hours – 2 Didactic Hours

There are three fundamental aspects of disaster management that are disaster response, disaster preparedness, and disaster mitigation. These three aspects are called as disaster cycle. Medical Treatment for large number of casualties is needed only for certain type of disaster. The management of mass casualties are divided into search and rescue, first aid, triage, and stabilization of victims, hospital treatment and redistribution of patients to other hospitals.

❖ Inclusive Education

- Name of Professional Year – 1st B.P.Th.
- Name of subject – Professional Practice and Ethics
- No of Hours – 10 Didactic and 5 clinical Hours

- **Name of Professional Year** –2nd B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 05 Didactic and 10 clinical Hours

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 10 Didactic and 5 clinical Hours

- **Name of Professional Year** –4th B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 15 Didactic Hours

Inclusive education is defined as a learning environment that promotes full personal, academic and professional development of all learners irrespective of race, class, colour, gender, disability, sexual preference, learning style, and language. Objective of the inclusive education is education for all, protection of rights, identification of skills, development of social consciousness, prepare for new challenges, development of brotherhood, to improve quality of education.

❖ **Disability Evaluation**

- **Name of Professional Year** –4th B.P.Th.
- **Name of subject** – Community physiotherapy
- **No of Hours** – 05 Didactic Hours

Disability has been defined as any restriction or lack of ability to perform an activity in manner within the range considered normal for human being.

Impairment depends upon the measurement of functional impairment. The estimation and measurement should be made when the Clinical condition has reached the stage of maximum improvement from the medical treatment. The mean percentage of loss of muscle strength around a joint is multiplied by 0.30. Involves more than one joint the mean loss of percentage in each joint is calculated separately and then added together.

❖ Professional Ethics

- **Name of Professional Year** – 1st B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 10 Didactic and 5 clinical Hours

- **Name of Professional Year** –2nd B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 05 Didactic and 10 clinical Hours

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 10 Didactic and 5 clinical Hours

- **Name of Professional Year** –4th B.P.Th.
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 15 Didactic Hours

- **Name of Professional Year** –1st yr MPT
- **Name of subject** – Professional Practice and Ethics
- **No of Hours** – 15 Didactic Hours

Ethics is defined as the moral principles that govern a person's behaviour or the conducting of an activity. The purpose to determine the code of ethics for professionals is to define the ethical principles, provide standards of behavior and performance, provide guidance for physical therapists facing ethical challenges, educate physical therapists, students, other healthcare professionals, regulators, and the public and to establish standards. The Indian association of physical therapists proposes general rules and guidelines to follow which highlight general responsibilities, professional preparation and development in relationship with students, scholars, and other members, in professional relationships, in administering programs, in making public statements.

❖ Vocational Rehabilitation

- **Name of Professional Year** –4th B.P.Th.
- **Name of subject** – Community Physiotherapy
- **No of Hours** – 02 Didactic Hours

Vocational Rehabilitation is the function of coordinating the people and resources involved in returning injured workers to productive work. Vocational rehabilitation consultant makes sure that the interest of all parties is considered. Vocational rehabilitation consultant is information resource, helper, coordinator, facilitator, planner and a manager. Vocational rehabilitation has been a part of rehabilitation since the beginning of mankind. Throughout the history family members have assisted one another with various personal needs including emergency medical attention, follow up care, financial help, return to work support. Major benefits of vocational rehabilitation is early return to work, reduced disability payments, controlled and reduced medical costs, earlier and more restored productivity.

❖ Health Determinants

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 10 Didactic Hours

Health is a state of complete physical, mental and social wellbeing and not merely the absence of disease or infirmity. Health is multi-dimensional. There are 6 dimensions of health namely Physical, mental, social, spiritual, emotional, vocational and others. These dimensions function and interact with each other.

These symbolize a huge range of factors to which other sectors besides health must contribute if all people are indeed to attain a level of health that will permit them to lead a socially and economically productive life.

❖ Nutritional Disease

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 5 Didactic Hours

Nutritional diseases affect vast segments of the population in India. The major ones which deserve special mention are low birth weight, protein energy malnutrition, xerophthalmia, nutritional anaemia, iodine deficiency disorders, endemic fluorosis and lathyrism. Nutritional factors are an important component in selected diseases. It is generally agreed that diet governs many situations favouring the onset of diseases related heart. Impaired metabolism of glucose in body leads to excess of glucose in blood and urine. Obesity is a health problem in richer and some developing countries. Basic cause of obesity is overnutrition.

❖ **Communicable and non-communicable Diseases**

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 5 Didactic Hours

Communicable disease is an illness due to specific infectious agents or its toxic products capable of being directly or indirectly transmitted from man to man, animal to animal, or from environment to man or animal. There is a renaissance in the study of communicable diseases stimulated by changes in the pattern of communicable diseases, by discovery of new infections, and by the possibility that some chronic diseases have an infective origin. The prevention of communicable diseases require knowledge and experience. Non communicable diseases are the ones that are not transmitted directly from one person to another.

❖ **National Family Welfare Programme**

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 5 Didactic Hours

The concept of welfare is very comprehensive and is basically related to quality of life. The family welfare aims at achieving a higher end - that is, to improve the quality of life of people. Small family norm that is small differences in family size will make big difference in the birth rate it will have a tremendous impact on family growth. Couple protection rate is an indicator of the prevalence of contraceptive practice in community. It is defined as the pper cent of eligible couples effectively protected against child birth by one or the aother approved methods of family planning.

❖ **Primary Health Care**

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 5 Didactic Hours

Primary health care has all the hallmarks of health care delivery. Before it primary health care was regarded as the basic health service, first contact care, easily accessible care. The primary health care is equally valid from all countries from the most to the least developed, although it takes varying forms in each of them. The concept of primary health care has been accepted by all countries as key of attainment of health. Elements of primary health care are education concerning prevailing health problems and methods of preventing and controlling them, promotion of food supply and proper nutrition, and an adequate supply of safe water and basic sanitation, maternal and child health care, immunization, prevention and control of locally endemic diseases, appropriate treatment of common diseases and injuries and provision of essential drugs.

❖ **Health Care Delivery system**

- **Name of Professional Year** –3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 5 Didactic Hours

- **Name of Professional Year** –4th yr B.P.Th.
- **Name of subject** – Community Physiotherapy
- **No of Hours** – 5 Didactic Hours

The challenge that exist in many countries is to reach the whole population with adequate health care services and to ensure their utilization. The large hospitals which are chosen for the delivery of health services have failed in the sense that it serves only a small part of the population. Rising costs in maintainence of these large hospitals and their failure to meet the total health needs of community have led many countries to seek alternative models of health. Health care services are designed to meet the health needs of community through use of available knowledge and resources. Health care system is intended to deliver the health care services it constitutes management sector, and involves organizational matters.

❖ **Industrial Health**

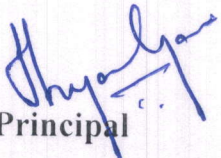
- **Name of Professional Year** –4th yr B.P.Th.
- **Name of subject** – Community Physiotherapy
- **No of Hours** – 5 Didactic Hours

Industrial health is a branch of public health concerned with health and well being of workers. Its aims are to eliminate hazards and reduce industrial fatigue. Every occupation should take adequate precautions for its own hazards. They have the proper safety and precautionary measures against occupational hazards. It's the fundamental right of every worker to be safe.

❖ **Legal Rights and benefits related to health for women**

- **Name of Professional Year** – 3rd B.P.Th.
- **Name of subject** – Community Medicine and Sociology
- **No of Hours** – 5 Didactic Hours

Protection of women's reproductive health should be the priority of the government. Poor health influenced by early and excessive childbearing, and premature death during labour or from weakness or exhaustion during pregnancy are some of the factors that lead to laying some legal rights and benefits related to health for women.



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