

8.	Lehninger's Principle of Biochemistry by Nelson and Cox. Publisher: W. H. Freeman	2017
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PRINCIPLES AND PRACTICE IN PUBLIC HEALTH

Details of course: -

Course Title	Course Structure			Pre-Requisite
	L	T	P	
Principles And Practice In Public Health (BT407)	03	01	00	Nil

Course Objective: To understand Public Health at national and international level

Course Outcome (CO):

- 1 Understand the determinants of health, the principles and practices of public health, and the historical development of public health measures and disease prevention.
- 2 Analyze the epidemiological transition, sources of global health data, and the functional organization of the public health system in India.
- 3 Explore the identification of causative microbes, molecular epidemiology, host resistance to infection, and strategies for combating infectious diseases
- 4 Understand the components of planning, implementing, monitoring, and evaluating health programs, including strategic management and case studies.

S.No.	Content	Contact Hours
1	Health, its determinants and public health, The science and practice of public health, History of public health, Disease, its measures and prevention, Measures of disease in population	6
2	Global health and epidemiological transition, Sources of global health data, Functional organization of the public health system in India, Evolution of global public health initiatives: primary health care, selective primary, health care, MDGs, SDGs	8