

3	Infectious Diseases: Identification of causative microbes, molecular epidemiology, host resistance to infection, pathogenicity, combating infectious diseases	<b>8</b>
4	Health Programs: planning, implementation, Monitoring and Evaluation Components of strategic management, case studies	<b>10</b>
<b>Total</b>		<b>42</b>

**Books: -**

S.No.	Name of Books/ Author/Publisher
1.	Oxford textbook of Public Health Ed. Roger Detels, James McEwen, Robert Beaglehole, and Heizo Tanaka Oxford University Press (OUP) 4th Edition: 2002.
2.	Public Health at the Crossroads – Achievements and Prospects. Robert Beaglehole and Ruth Bonita 2nd Edition Cambridge University Press
3.	Maxcy-Rosenau-Last Public Health & Preventive Medicine, Fourteenth Edition Ed Robert Wallace, MD, et al.
4.	Epidemiology and Management for Health Care: Sathe ,et al. Popular Prakashan, Mumbai,

## REHABILITATION ENGINEERING

**Details of course: -**

Course Title	Course Structure			Pre-Requisite
	L	T	P	
Rehabilitation Engineering (BT409)	03	01	00	Nil

**Course Objective:** To Understand to Rehabilitation Engineering and its Principles

**Course Outcome (CO):**

- 1 Grasp principles of rehabilitation engineering for motor and communication disorders.
- 2 Learn fundamentals and applications of prosthetics and orthotics.
- 3 Understand sensory augmentation for visual, auditory, and tactual systems.
- 4 Explore application principles and future developments in rehabilitation engineering.
- 5 To Understand the conceptual framework