



TEERTHANKER MAHAVEER UNIVERSITY

DEPARTMENT OF PHYSIOTHERAPY

VALUE ADDED COURSES

(w.e.f. 2018-19)



Course Code: VBPHY201	Value Added Course B.P.T. 2nd Year DISEASE EPIDEMIOLOGY	Hours: 16
Course Outcomes:	On completion of the course, the students will be :	
CO1	Demonstrate knowledge of the origins, spread and control of infectious disease epidemics	
CO2	Demonstrate understanding of the importance of effective communication about epidemics	
CO3	Demonstrate understanding of key contemporary issues relating to epidemics from a global perspective	
Course Content		
Unit – 1:	- Origins (Epidemics past, present and future) - Origins (Emergence and ecology of infectious diseases) - Origins (Medical Detective: Bug hunting in Epidemics)	3 Hours
Unit – 2:	- Spread (Infectious disease epidemiology) - Spread (Epidemiological triangle)	3 Hours
Unit – 3:	- Control (Disease surveillance) - Control (Non-pharmaceutical intervention (NPI)) - Control (Vaccination)*	3 Hours
Unit – 4:	Communication (Communicating disease risk)	2 Hours
Unit – 5:	Crisis management, ethics and public trust in the context of infectious disease control.	2 Hours
Books:	- Gordis Epidemiology, Sixth Edition - Epidemiology For Public Health Practice – Thomas A. Sellers, Sixth Edition	

