CODE BSPH-103 BASIC EPIDEMIOLOGY

Course Objectives:

After studying this course, you should be able to:

i.   Understand the concept of Epidemiology, Epidemiological Studies and its application and uses in controlling Public Health problems
ii. Explain and practise some key techniques in epidemiology
iii. Understand some routine methods of data analysis
iv. Apply these techniques in a practical sense

Course Contents:
i.   Introduction to Epidemiology
ii.   Measures of Disease Frequency: Prevalence and Incidence
iii. Measures of Mortality
iv.   Descriptive Study Designs
v.   Analytical Study Designs
vi.   Measures of Association
vii. Criteria for Causation

Recommended Books:
1. Epidemiology 2014 Szklo, Moyses
2. Introduction to epidemiology 2013 Merrill, Ray M.
3. Modern Epidemiology 2013 Rothman, Kenneth J
4. Basic epidemiology 2006 Beaglehole,R
5. R. Beaglehole, R. Bonita, T.KjellstromBasic epidemiology AITBS India
6. Leon GordisEpidemiology W.B. Saunders co.
7. Mausner JK , BAHN AK Epidemiology: An Introductory Text 3rd W.B. Saunders co.