

St.Joseph's College for Women (Autonomous) , Visakhapatnam

Time: 4 Hrs/Week PUBLIC HEALTH & EPIDEMIOLOGY Max. Marks: 100

Objectives:

This course will enable the students to-

- Understand the concept of health from the individual and community perspective.
- Know the importance of epidemiology and demography in health.

Course :

Unit I: Health and its dimensions.

Unit II: Community and its organization - Concept of community, types of community , factors affecting community like environmental , social, cultural, dietary, economic , political and vulnerable groups

Unit III: Public Health, Demography and Epidemiology

Unit IV: Community health through the life span,vital statistics and their significance.

Unit V : Communicable and infectious disease control – Nature of diseases, contamination, transmission, and epidemiologic principles of disease control.

REFERENCES:

1. Fundamental principles of Bacteriology (1974) A.J.Salle.Mc.Graw Hill Publications, New Delhi.
2. Bacteriology (1961) – R.E.Buchanna and E.D.Buchanan. Mac Millan Publishers, New Delhi.
3. Fair brother's Text book of Bacteriology – (1964) Ed.R.L.Vollum, D.G.Jamieson and C.S.Cummins William Heinemann, New York.
4. Microbiology (2000) – A.K.Joshua. Popular Book Depot, Chennai.
5. Food Microbiology (1995) – W.G.Frazier, McGraw Hill Publications, New Delhi.
6. Food Microbiology (2005) – R. Ananthanarayan and C.K.Jayaram Orient Longmans, Hyderabad.
7. Microbiology – M.J.Pelczar, R.D Reid and Scham (1993) TATA McGraw Hill Publications, New Delhi.

St.Joseph's College for Women (Autonomous) , Visakhapatnam

Time: 2 Hrs/Week

PUBLIC HEALTH & EPIDEMIOLOGY

Max. Marks: 50

PRACTICALS

Objectives: This course will enable the students to-

- Understand the concept of health from the individual and community perspective.
- Know the importance of epidemiology and demography in health

Unit I: Field visits, surveillance systems for health programmes.

Unit II:Community survey, analysis and reporting

REFERENCES:

1. Fundamental principles of Bacteriology (1974) A.J.Salle.Mc.Graw Hill Publications, New Delhi.
2. Bacteriology (1961) – R.E.Buchanna and E.D.Buchanan. Mac Millan Publishers, New Delhi.
3. Fair brother's Text book of Bacteriology – (1964) Ed.R.L.Vollum, D.G.Jamieson and C.S.Cummins William Heinemann, New York.
4. Microbiology (2000) – A.K.Joshua. Popular Book Depot, Chennai.
5. Food Microbiology (1995) – W.G.Frazier, McGraw Hill Publications, New Delhi.
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