

Co-Curricular Course

MZOE306A: Public Health

Total Credits: 04

Teaching Hours: 60

Course objectives

- Providing conceptual knowledge of different diseases and their prevention
- Explaining measures for healthy life
- Discussing Government's role in disease management
- Discussing epidemiology of diseases

Unit I

Human diseases

Communicable/Vector borne diseases- Malaria, Sleeping sickness	04
Non-Communicable diseases- Cancer, AIDS	04
Metabolic diseases - Diabetes, BP, Thyroid	02
Genetics diseases- PKU, Sickle Cell Anaemia, Thalassemia	02

Unit II

Disease prevention

Tackling antimicrobial resistance	04
Measures for reduced maternal & child/infant mortality rate	04
Prevention of environmental pollution & its degradation	04

Unit III

Measures for healthy life

Micronutrients, their role, deficiency & related problems	02
Improved nutrition for all age groups	02
Application of yoga & physical exercise for healthy life (their role)	02
Obesity, Non-alcoholic fatty liver	02
Hazards of tobacco chewing & smoking	02
Importance of personal & public hygiene & better sanitary habits	02

Unit IV

Government's role in public health

Role of Government policies in Epidemiological Assessment of Infectious diseases	04
Role of Government policies to curb reemerging infectious diseases	04
Government's role in mitigation of noncommunicable diseases.	04

Unit V

Epidemiological studies

Epidemiology & statistical analysis of difference diseases	06
Population genetics	06

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MG
Review

Co-Curricular Course

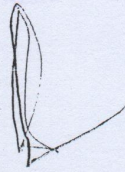
Student learning outcomes

At the end of the course the student will have

- Enhanced awareness towards various human diseases, their control and prevention.
- Information on improvement of life style & health via quality health measures.

Suggested readings

1. Public Health and Hygiene by Sorna Raj and KumaresanSaras Publication
2. Public Health Management: Principle and Practice by Sundar Lal, Vikas, CBS, Publishers, 2018
3. A practical guide for PG course in Community medicine, Public Health and Health management by Sudip Bhattacharya and Sailesh Tripathi, 2018
4. Park's Textbook of Preventive and Social Medicine by K. Park 2017



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12/11/2024

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