NPTEL Video Course - Multi Disciplinary - NOC:One Health

Subject Co-ordinator - Multi Faculty

Co-ordinating Institute - IIT - Madras

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction to the One Health Concept and National and International health/public health agenci
Lecture 2 - Global Health vs One Health
Lecture 3 - Basics of Research Ethics
Lecture 4 - Integrated human and animal disease surveillance systems
Lecture 5 - Emerging infectious diseases
Lecture 6 - Process of disease emergence and assessment of the risk factors
Lecture 7 - Mechanisms of pathogen cross over across species boundaries
Lecture 8 - Importance of disease detection, Identification and monitoring in public health
Lecture 9 - Introduction to disease vectors and basics of Medical Entomology
Lecture 10 - The factors influencing an emerging disease
Lecture 11 - Antimicrobial resistance a global threat and Importance of antibiotic stewardship program
Lecture 12 - Introduction of Food safety and food borne diseases
Lecture 13 - What are zoonotic diseases and its role in our changing world
Lecture 14 - The integration of human, animal and ecosystem health in control and prevention of these disease
Lecture 15 - Community engagement for zoonotic disease control in humans and animals through One Health
Lecture 16 - Basics of Epidemiological Studies
Lecture 17 - Rapid Response system, Disaster Management and Outbreak Investigation Plans
Lecture 18 - Basic statistical methods and their application and the measurement of disease frequency
Lecture 19 - Principles of survey design and the concepts of sampling and Mixed method research
Lecture 20 - Introduction to health policy
Lecture 21 - Risk Communication and Pandemic Preparedness
Lecture 22 - Role of community in disease control and ways for community engagement
Lecture 23 - Uses of different types of media for communication

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