



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

YENEPOYA MEDICAL COLLEGE

PROGRAM AND PROGRAM SPECIFIC/COURSE OUTCOMES

POSTGRADUATE PROGRAM MASTERS OF PUBLIC HEALTH

ATTESTED

Dr. Gangadhara Somayaji K S
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore 575 018, Karnataka.

PROGRAM OUTCOMES
POSTGRADUATE PROGRAM
MASTERS OF PUBLIC HEALTH

(K=Knowledge, S=Skill, A=Attitude)

- PO 1 The program is designed to focus on the acquisition of knowledge and skills applicable to a career in Public Health, for catalyzing the “Health for all revolution”. (K,S)
Upon completion of the programme, the postgraduate will be:
- PO 2 Aware of the origin and evolution of the field of public health; (K)
- PO 3 Competent to apply concepts and principles associated with health and disease in the prevention & control of disease.(K, S)
- PO 4 skilful to apply the principles of health promotion in health and development strategies;(K,S, A)
- PO 4 Able to apply epidemiological principles and statistical techniques; in the measurement and assessment of health and development needs of a community.(K,S)
- PO5 Able to plan, implement, manage and evaluate health and development programme/system; (K,S,A)
- PO6 Able to conduct research independently & publish in the field of public health.(K,S)
- PO7 Skilful to undertake middle level and senior level managerial, leadership and teaching responsibilities in a wide range of organizations and areas.(K,S,A)

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COURSE OUTCOMES
POSTGRADUATE PROGRAM
MASTERS OF PUBLIC HEALTH

INTRODUCTIONS TO PUBLIC HEALTH

- CO 1 Discuss the development in the field of public health
- CO 2 Understand health disparities
- CO 3 Identify factors that influence health and determine ways in which health status is measured
- CO 4 Identify public health's core functions and discuss how these are translated into Practice.

EPIDEMIOLOGY

- CO 1 Understand the basic epidemiological methods and study designs
- CO 2 Understand and discuss population-based perspective to examine disease and health- related events
- CO 3 Discuss the ethical issues in epidemiological research.
- CO 4 Learn the basic concepts of screening and outbreak investigations.
- CO 5 Able to critically review published epidemiological studies.
- CO 6 Applied epidemiology

BIOSTATISTICS

- CO 1 Understand the basic concepts in biostatistics
- CO 2 Apply statistical knowledge to designing research studies.
- CO 3 Determine the appropriate method to be used in analysing datasets

HEALTH EDUCATION AND HEALTH PROMOTION

- CO 1 Develop managerial skills in facilitative change in ways and conditions of health and promote health of people

SOCIAL BEHAVIOURAL SCIENCE & COMMUNITY ORIENTED HEALTH

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- CO 1 Identify and analyse the behavioural, social, and cultural factors associated with health and illness.
- CO 2 Understand and apply theories associated with healthy and unhealthy behaviour that draws broadly from the social and behavioural sciences, including psychology, sociology, anthropology.
- CO 3 Apply social science-based theories to understand and improve health behaviour and health communication, public health research and development as well as promote public health preparedness.

DEMOGRAPHY

- CO 1 Understand the basics of demography.
- CO 2 Use demographic tools in understanding public health issues Knowledge attitude and practices.
- CO 3 Discuss global demographic regimes and impact on public health.

PUBLIC HEALTH NUTRITION


- CO 1 Understand the concepts of public health nutrition.
- CO 2 Explain the importance of food and nutrition in public health.
- CO 3 Assess nutritional status of community and develop necessary intervention.

ENVIRONMENTAL & OCCUPATIONAL HEALTH

- CO 1 Learn the basic concepts of environmental health sciences and key environmental health issues.
- CO 2 Understand the risk assessment concepts, uses, to describe, asses, control and make decision about the environmental health issues.
- CO 3 Develop skills in analysing, managing and community about environmental health issues.
- CO 4 Identify some of the major environmental health hazard.

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INFECTIOUS AND CHRONIC DISEASES

- CO 1 Understand the disease burden and impact of infectious and chronic disease in the society.
- CO 2 Understand the modes of transmission and pathogenesis of infectious disease and the host, environment relationship.
- CO 3 Understand and discuss the strategies for diagnosis, prevention and control.

2HEALTH POLICY, HEALTH ECONOMICS AND HEALTH CARE FINANCING

- CO 1 Understand health policy issues pertaining to public health
- CO 2 Formulating health policy
- CO 3 Basic introduction to health economics, Budget and finance in health care

Public Health Informatics

- CO 1 Understand the fundamentals of computers organization
- CO 2 To gain knowledge of various components of database applications and management.
- CO 3 Develop and adopt public health information system as needed to
- CO 4 Support public health policies, programmes and inventions
- CO 5 Assist in the development and adoption of appropriate information technology in public health.

Women's Health, child Health and Family Welfare

- CO 1 Learn about factors affecting the health of mother and child, the existing services for mother and child.
- CO 2 Identify the family welfare concepts, principles and the role of health administration in the implementation of the programs.

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Public Health Leadership and Management

CO 1 Introduce basic concepts of leadership

CO 2 Learn the application of leadership skills in public health management

RESEARCH METHODOLOGY

CO 1 Equip students with quantitative and qualitative research techniques.

CO 2 Will be able to design a methodology for the problem chosen.

CO 3 Helps in preparing their dissertation topic.

Project Work/Field Experience or Internship

CO 1 Apply and integrate the skills and knowledge gained in theory.

CO 2 Gain hand on experience on public health practice: such as planning, Organisational structure, community interaction, etc.

CO 3 Demonstrate the competency in public health practice.

CO 4 Demonstrate leadership, teamwork, creativity, communication skills in public health domain.

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