

Department of Community Medicine
Chettinad Hospital & Research Institute
M.B.B.S Course Outcome

Course Outcome 1: (Paper -1)

1. Appraise health promotion, disease prevention and public health as major components of health and appraise the role of public health in providing individual healthcare.
2. Describe the distribution and determinants of health-related events in a community by using appropriate epidemiological measures, explain basic concepts of causation and critically appraise the epidemiological methods used in scientific literature.
3. Explain nutrition related problems in the community/individuals by conducting appropriate nutritional assessment methods and/or by interpreting secondary data to formulate appropriate strategies to address immediate, underlying and basic causative factors in parallel with the public health policy context.
4. Recognize the environmental health issues at household and community levels and to formulate appropriate environment friendly vector control measures.
5. Access and appraise scientific information, design and carry out simple epidemiological research and present the findings of the research in a scientific format. Apply appropriate statistical techniques for presentation, analysis and interpretation of health data.
6. Promote health of individuals and families focusing on priority health needs and health related problems at individual/family level considering the given social, cultural, economic and demographic context.

Course Outcome – 2 :(Paper 2)

1. Identify the demographic changes in the community by accessing the demographic data sources and to appraise the causal factors and implications of such changes pertaining to public health.
2. Describe the basic concepts of maternal and child health, promote maternal and child health through practical application of these concepts along with the current national family health programme of India.
3. Explain the epidemiology of common communicable diseases and non-communicable diseases in the global and local context, apply the knowledge for the control and prevention of communicable diseases and by addressing the modifiable and non-modifiable risk factors of non-communicable diseases in the community in parallel with the public health system in the context to the national programme.
4. Apply the basic concepts in occupational health to promote health in working places and to prevent common hazard at work settings.
5. Identify the health needs of population and its sub groups (Children, Adolescent, Geriatric, Urban health, Rural health, Tribal, Etc..) through health planning intervention, monitoring and evaluation.
6. Conceptualize people as focus of lifetime service of a doctor and to contribute to health system by effective utilization of human and logistics resources.