

People's College of Medical Sciences & Research Centre, Bhanpur, Bhopal

Undergraduate Course

MBBS : COMMUNITY MEDICINE

<p>Program outcomes</p>	<p>At the end of the course the student shall be able to:</p> <ol style="list-style-type: none">(1) In diagnose and management of common health problems of the individuals and the community, commensurate with his/ her position as a member of the health team at the primary/ secondary or tertiary levels, using his / her clinical skills, based on history, physical examination and relevant investigations.(2) Practice preventive, promotive, curative and rehabilitative medicine in respect to the commonly encountered health problems.(3) Rationalize different therapeutic modalities, and familiar with the administration of the “essential drugs” and their common side effects(4) Appreciate the socio-psychological, cultural, economic and environmental factors affecting health and develop humane attitude towards the patients in discharging one’s professional responsibilities;(5) Possess the attitude for continued self learning and to seek further expertise or to pursue research in any chosen area of medicine.(6) Be familiar with the basic factors which are essential for the implementation of the national health programmes including practical aspects of the following:-<ol style="list-style-type: none">(i) Family welfare meternal and child health (mch)(ii) Sanitation and water supply.(iii) Prevention and control of communicable and non communicable diseases.(iv) Immunization.(v) Health education.(7) Acquire basic management skills in the area of human resources materials and resources management related to health care delivery(8) Identify community health problems and learn to work to resolve these by designing, instituting corrective steps and evaluating outcome of such measures;(9) Work as a leading partner in health care teams and acquire proficiency in communication skills.(10) Work in a variety of health care settings;(11) Have personal characteristics and attitude required for professional life such as personal integrity, sense of responsibility, dependability and ability to relate to or show concern for other individuals.
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Program specific outcomes	<p>At the end of the course the student should be able to</p> <ol style="list-style-type: none"> (1) Use epidemiology as a scientific tool to make rational decisions relevant to community & individual patient intervention. (2) Collect analyze, interpret & present simple community & hospital – bade data. (3) Diagnose & manage common health problems & emergencies at the individual, family & community levels keeping in mind the existing health care resources & in the context of the prevailing socio cultural beliefs. (4) Diagnose & manage maternal & child health problems & advise a couple & the community on the family welfare planning methods available in the context of the national priorities. (5) Diagnose & manage common nutritional problems at the individual & community level (6) Plan implement & evaluate health education programme with skill to use simple audio visual aids. (7) Interact with other members of the healthcare team & participants in the organization of health care service & implementation of national health programmes.
Course outcomes	<p>At the end of the course on successful completion of their third professional (part-I) Examination a MBBS Student shall able to make community diagnosis of different health problems and resolve them tactfully with his knowledge of community medicine.</p>

Chairman

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Course name: MD. COMMUNITY MEDICINE

Program outcomes	<p>At the end of the course the student shall be able to:</p> <ol style="list-style-type: none">1. Understand the significance of community medicine in order to address the health issues in community.2. Apply principles of epidemiology for<ol style="list-style-type: none">a. Need assessmentb. Prevention & control of diseasec. Screening for diseased. Application of appropriate screening teste. Research in Community Health3. Identify social, economic, environmental, biological and emotional determinants of health in a given case and take them into account while planning therapeutic, rehabilitative, preventive and promotive measures/strategies.4. Plan and advice measures for the prevention, treatment or rehabilitation of patient suffering from disease and disability.5. Understand & apply principle & practice of communication & health education6. Understand & apply basic principles of primary health care for preventive, promotive and curative health services.7. Organize health care services according to principles of primary health care8. Have knowledge, skill and expertise of concept and practice of planning and management for Community Health Programme.9. Identify, manage and make use of information systems in health care at various facility.10. To be able to utilize tools to improve management & use of hims.
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	<p>11. Develop qualities and skills required for leading a team of health workers</p> <p>12. Enlist and identify objectives and operational strategy of various national health program.</p> <p>13. 2/to develop skills for implementation of NHP at various facilities</p> <p>14. Comprehend and apply the principles of health economics for community health care practice</p> <p>15. Carry out teaching/training program for under graduates health care providers and community.</p> <p>16. Develop skills as a self directed learner and Use appropriate learning resources.</p> <p>17. Understand and apply the principle of bio statistics as a tool to analysis and sense interpret of health related data.</p> <p>18. Design and conduct a research study relevant to the health and disseminate the result appropriately.</p> <p>19. To recognize health hazards at work place, identify determinants of occupational hazards and advice prevention.</p>
Program specific outcomes	<p>1. MD Actual shall be able to detailed Knowledge of</p> <ul style="list-style-type: none"> • History and evolution of modern community medicine. • General epidemiology. • Disease specific epidemiology • Maternal and child health • Nutrition and health\ • Medical sociology • Occupational health • International health\ • Geriatric health • Public health planning and management • Bio statistics and health information • Health care delivery and health policies, rules and regulation.
	<p>2. Identify community health problem</p> <ul style="list-style-type: none"> • Investigate epidemic • Apply knowledge of epidemiology in disease prevention and control • Selection of appropriate epidemiology methods and Design to conduct the epidemiological studies • To give recommendations on the basis of epidemiology inferences • Identify population and disease to be screened. • Select and apply appropriate screening test. • Draw inferences and give recommendations based on results of screening. <p>3. Apply method of community medicine such as:-</p> <ul style="list-style-type: none"> • Define the determinants of health • Define health situation • Properly collect health related data. • Prepare epidemiological data

	<ul style="list-style-type: none"> • Make community diagnosis • Identify suitable interventions. • Apply best intervention possible for the situation. • Compare pre and post interventional situation. • Give recommendations.
	<p>4. Have wide knowledge of health education such as:-</p> <ul style="list-style-type: none"> • Understand principles of communication and health education • Selection and use of appropriate communication method. • Planning and implementation of health education activity. • Evaluation impact health education activity in terms of behaviour change . • To establish doctor patient relationship • Documentation and maintenance of health related records • Communicating health problems of community for remedial measures.
	<p>5. In depth knowledge of principles and elements of primary health care.</p> <ul style="list-style-type: none"> • Structure and functions of health care system. • Various models of delivery of health care services. • Current status of primary health care world wide(including india)
	<p>6. Know</p> <ul style="list-style-type: none"> • Concepts of planning cycle and management. • Human resources management. • Material management. • Time management.
	<p>7. Know</p> <ul style="list-style-type: none"> • Identification of sources of health information with hims at various facility levels. • Application of various tools including icts to manage health information • Appropriate use of health information.
	<p>8. Know methods to Interact communicate and educated to promote healthy behaviour through community participation.</p> <ul style="list-style-type: none"> • Nurture team spirit and harmonise activities of various members . • facilitate various intersectoral coordination • To promote and establish partnership • Explain scientific information to public and decision makers and opinion leaders.
	<p>9. Should have</p> <ul style="list-style-type: none"> • Knowledge of the National Health Programmes with respect to its objectives and operational strategy. • Planning the activities as per guidelines. • Carry out the activities related to the programme. • Monitoring supervision and evaluation. • Update the information and developments regarding the programme.
	<p>10. Should know about</p> <ul style="list-style-type: none"> • Concepts of health economics. • Definition and importance of health care financing. • Financial management. • Health insurance, application of health economics method

	<p>11. Should be able to</p> <ul style="list-style-type: none"> • Assess the learning needs of any given group. • Formulate learning objectives. • Plan and prepare contents of teaching/training program • Select and implement appropriate teaching methods. • Evaluate the teaching/training program. • To recognize continuing education needs in view of community health care and research. • To be aware of recent advance sin community medicine. • To be able to carry out literature search and use appropriate learning resources. <p>12. Should be able to</p> <ul style="list-style-type: none"> • Understand the basic principle of statistics • Compile the data classify the data and analyse the data. • Use the life and statistical table. • Find association and correlation between two or more variables. <p>Formulate the objectives.</p> <ul style="list-style-type: none"> • Select apply appropriate methods. • Compile and analyse the data using suitable statistical tests. • Draw inferences and conclusion. • Report write and communicate findings and results of study <p>13. Should be able to</p> <ul style="list-style-type: none"> • Identification and plan prevention of occupational hazards. • Know Legislation in occupational health
Course outcomes	<p>At the end of the course the student, after undergoing the training, should be able to deal effectively with the needs of the health community and should be competent to handle problems related to the specialty of community health and recent advances in the subject.</p> <p>The post graduate student should also acquire skills in teaching community medicine to medical and paramedical students and be able to integrate teaching of community medicine with other relevant subjects, while being aware of her/his limitations.</p>

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