

Community Medicine: -

(i) GOAL

The broad goal of the teaching of undergraduate students in Community Medicine is to prepare them to function as community and first level physicians in accordance with the institutional goals.

(ii) OBJECTIVES

(a) KNOWLEDGE

At the end of the course, the student should be able to: -

- (1) Describe the health care delivery system including rehabilitation of the disabled in the country;
- (2) Describe the National Health Programmes with particular emphasis on maternal and child health programmes, family welfare planning and population control.
- (3) List epidemiological methods and describe their application to communicable and non-communicable diseases in the community or hospital situation.
- (4) Apply biostatistical methods and techniques;
- (5) Outline the demographic pattern of the country and appreciate the roles of the individual, family, community and socio-cultural milieu in health and disease.
- (6) Describe the health information systems.
- (7) Enunciate the principles and components of primary health care and the national health policies to achieve the goal of 'Health for All'.
- (8) Identify the environmental and occupational hazards and their control.
- (9) Describe the importance of water and sanitation in human health.
- (10) To understand the principles of health economics, health administration, health education in relation to community.

(b) SKILLS

At the end of the course, the student should be able to :-

- (1) Use epidemiology as a scientific tool to make rational decisions relevant to community and individual patient intervention.
- (2) Collect, analyze, interpret and present simple community and hospital based data.
- (3) Diagnose and manage common health problems and emergencies at the individual, family and community levels keeping in mind the existing health care resources and in the context of the prevailing socio-cultural beliefs.
- (4) Diagnose and manage maternal and child health problems and advise a couple and the community on the family planning methods available in the context of the national priorities.
- (5) Diagnose and manage common nutritional problems at the individual and community level.
- (6) Plan, implement and evaluate a health education programme with the skill to use simple audio-visual aids.
- (7) Interact with other members of the health care team and participate in the organization of health care services and implementations of national health programmes.

(c) INTEGRATION

Develop capabilities of synthesis between cause of illness in the environment or community and individual health and respond with leadership qualities to institute remedial measures for this.