

INSTITUTE	FACULTY OF PHARMACY
PROGRAM	BACHELOR OF PHARMACY
SEMESTER	8
COURSE TITLE	SOCIAL AND PREVENTIVE PHARMACY
COURSE CODE	13PH0802
COURSE CREDITS	4

Objective:

- 1 The purpose of this course is to introduce to students a number of health issues and their challenges. This course also introduced a number of national health programmes. The roles of the pharmacist in these contexts are also discussed.
- 2 The purpose of this course is to introduce to students several health issues and their challenges. This course also introduced several national health programmes. The roles of the pharmacist in these contexts are also discussed.

Course Outcomes: After completion of this course, student will be able to:

- 1 Acquire high consciousness/realization of current health problems, related to health and Importance of social health education and hygiene within the country and worldwide.
- 2 Have a critical way of thinking based on current healthcare development and treatment of diseases.
- 3 Evaluate alternative ways of solving problems related to health and pharmaceutical issues

Pre-requisite of course: The purpose of this course is to introduce to students several health issues and their challenges. This course also introduced several national health programmes. The roles of the pharmacist in these contexts are also discussed.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
3	1	0	75	15	10	0	0

Contents : Unit	Topics	Contact Hours
1	Concept of health and disease: Concept of health and disease: Definition, concepts and evaluation of public health. Understanding the concept of prevention and control of disease, social causes of diseases and social problems of the sick. Social and health education: Food concerning nutrition and health, Balanced diet, Nutritional deficiencies, Vitamin deficiencies, Malnutrition and its prevention. Sociology and health: Socio-cultural factors related to health and disease, Impact of urbanization on health and disease, Poverty and health. Hygiene and health: personal hygiene and health care; avoidable habits.	10

Contents : Unit	Topics	Contact Hours
2	Preventive medicine: Preventive medicine: General principles of prevention and control of diseases such as cholera, SARS, Ebola virus, influenza, acute respiratory infections, malaria, chicken guinea, dengue, lymphatic filariasis, pneumonia, hypertension, diabetes mellitus, cancer, drug addiction-drug substance abuse.	10
3	National health programs, its objectives, functioning and outcome of the following: National health programs, its objectives, functioning and outcome of the following: HIV and AIDS control programme, TB, Integrated disease surveillance program (IDSP), National leprosy control programme, National mental health program, National programme for prevention and control of deafness, Universal immunization programme, National programme for control of blindness, Pulse polio programme.	10
4	National health intervention programme National health intervention programme: for mother and child, National family welfare programme, National tobacco control programme, National Malaria Prevention Program, National programme for the health care for the elderly, social health programme; the role of WHO in Indian national program.	8
5	Community services Community services: in rural, urban and school health: Functions of PHC, Improvement in rural sanitation, national urban health mission, Health promotion and education in school.	7
Total Hours		45

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	Tutorials Tutorial 1, Tutorial 2, Tutorial 3, Tutorial 4, Tutorial 5, Tutorial 6, Tutorial 7, Tutorial 8, Tutorial 9, Tutorial 10, Tutorial 11, Tutorial 12, Tutorial 13, Tutorial 14, Tutorial 15	15
Total Hours		15

Textbook :

- 1 Short Textbook of Preventive and Social Medicine, Prabhakara GN,, , 2nd Edition, ISBN: 9789380704104,, JAYPEE Publications., 2010

References:

- 1 Textbook of Preventive and Social Medicine (Mahajan and Gupta), Edited by Roy Rabindra Nath, Saha Indranil, 4th Edition, 2013, ISBN: 9789350901878, JAYPEE Publications.

References:

- 2 Review of Preventive and Social Medicine (Including Biostatistics), Jain Vivek, 6th Edition, 2014, ISBN: 9789351522331, JAYPEE Publications.
- 3 Essentials of Community Medicine - A Practical Approach, Hiremath Lalita D, Hiremath Dhananjay A, 2nd Edition, 2012, ISBN: 9789350250440, JAYPEE Publications.
- 4 Park Textbook of Preventive and Social Medicine, K Park, 21st Edition, 2011, ISBN-14: 9788190128285, BANARSIDASS BHANOT PUBLISHERS.
- 5 Community Pharmacy Practice, Ramesh Adepu, BSP publishers, Hyderabad.
- 6 Research in Social and Administrative Pharmacy, Elsevier, Ireland.

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
20.00	30.00	25.00	15.00	10.00	0.00

Instructional Method:

- 1 The course delivery method will depend upon the requirement of content and the need of students. The teacher in addition to the conventional teaching method by the blackboard may also use any tools such as demonstration, role play, quiz, brainstorming, MOOCs etc.
- 2 The internal evaluation will be done based on continuous evaluation of students in the laboratory and classroom.
- 3 Students will use supplementary resources such as online videos, NPTEL videos, MOOCs/ e-courses, virtual laboratories.