



LESSONPLAN

FacultyName: Dr. Akanksha

Subject Name: Social Pharmacy

Class: D. Pharmacy –I<sup>st</sup> year

SubjectCode: ER20-15T

**Scope of the Subject:** This course is designed to impart basic knowledge on public health, epidemiology, preventive care, and other social health related concepts. Also, to emphasize the roles of pharmacists in the public health programs

**Course outcome:** Upon successful completion of this course, the students will be able to-

1. Discuss about roles of pharmacists in the various national health programs
2. Describe various sources of health hazards and disease preventive measures
3. Discuss the healthcare issues associated with food and nutritional substances
4. Describe the general roles and responsibilities of pharmacists in public health

Number of Lectures: 75

Each lecture: 01 hour

Lecture No.	Particular	Remark/Date
<b>Module 1: Introduction to Social Pharmacy</b>		
1.	Definition and Scope. Social Pharmacy as a discipline and its scope in improving the public health.	
2.	Role of Pharmacists in Public Health.	
3.	Concept of Health -WHO Definition	
4.	WHO- various Dimensions.	
5.	WHO- determinants, and health indicators.	
6.	National Health Policy – Indian perspective	
7.	Public and Private Health System in India	
8.	National Health Mission	
9.	Introduction to Millennium Development Goals, Sustainable Development Goals, FIP Development Goals	
<b>Module 2: Preventive healthcare – Role of Pharmacists in the following</b>		
10.	Demography and Family Planning	
11.	Demography and Family Planning	
12.	Demography and Family Planning	
13.	Mother and child health, importance of breastfeeding	
14.	Illeffects of infant milk substitutes and bottle feeding	
15.	Overview of Vaccines	
16.	Types of immunity	

17.	Immunization	
18.	Immunization	
19.	Effect of Environment on Health	
20.	Water pollution,importance of safe drinking water	
21.	Waterborne diseases	
22.	Air pollution, noise pollution	
23.	Sewage and solid waste disposal,	
24.	Occupational illnesses	
25.	Environmental pollution due to pharmaceuticals	
26.	Psychosocial Pharmacy: Drugs of misuse and abuse – psychotropics, narcotics, alcohol, tobacco products.	
27.	Social Impact of these habits on social health and productivity and suicidal behaviours	
<b>Module 3: Nutrition and Health</b>		
28.	Basics of nutrition	
29.	Macronutrients	
30.	Micronutrients	
31.	Importance of water and fibres in diet	
32.	Balanced diet, Malnutrition, nutrition deficiency diseases	
33.	Ill effects of junk foods, calorific and nutritive values of various foods	
34.	Fortification of food	
35.	Introduction to food safety, adulteration of foods, effects of artificial ripening, use of pesticides, genetically modified foods	
36.	Dietary supplements, nutraceuticals, food supplements- indications, benefits.	
37.	Drug-Food Interactions	
<b>Module 4: Introduction to Microbiology and common microorganisms</b>		
38.	Introduction to Microbiology	
39.	Common microorganisms	
40.	Common microorganisms	
41.	Epidemiology: Introduction to epidemiology, and its applications.Understanding of terms such as epidemic,pandemic, endemic, mode of transmission, outbreak.	
42.	Understanding of terms such as quarantine, isolation, incubation period, contact tracing, morbidity, mortality.	
43.	Causative agents, epidemiology and clinical presentations and Role of Pharmacists in educating the public in prevention of communicable diseases	
44.	Respiratory infections – chickenpox, measles	
45.	Rubella,mumps	
46.	Influenza (including Avian-Flu, H1N1, SARS, MERS, COVID-19), diphtheria.	
47.	Whooping cough, meningococcal meningitis,	
48.	Acute respiratory infections	
49.	Tuberculosis, Ebola	
50.	Intestinal infections – poliomyelitis	
51.	Viral hepatitis,	

52.	Cholera,	
53.	acute diarrheal diseases,	
54.	TYyphoid,	
55.	Amebiasis,	
56.	Worm infestations, food poisoning	
57.	Arthropod-borne infections	
58.	Dengue	
59.	Malaria,	
60.	Filariasis and, chikungunya	
61.	Surface infections – trachoma	
62.	Tetanus, leprosy	
63.	STDs,	
64.	HIV/AIDS	
65.	HIV/AIDS	
<b>Module 5: Introduction to health systems</b>		
66.	Introduction to health systems	
67.	All ongoing National Health programs in India- introduction	
68.	All ongoing National Health programs in India- vision and mission	
69.	All ongoing National Health programs in India - objectives, functioning	
70.	All ongoing National Health programs in India-guiding principles	
71.	All ongoing National Health programs in India-functioning, outcome.	
72.	The role of pharmacists.	
73.	The role of pharmacists.	
<b>Module 6: Pharmacoeconomics</b>		
74.	Introduction, basic terminologies	
75.	Importance of pharmacoeconomics	

Teacher in-charge

HOD

Principal