

Performa: Hindu College of Pharmacy

Lesson Plan

Name of the faculty	Mrs. Ittishree
Discipline	Pharmacy
Semester	1st Year
Subject	Social Pharmacy
Lesson plan Duration	25 weeks (Dec., 2022 to July, 2023)
Work Load/week (In hour)	Lecture- 04; Practical- 06 Hrs

Week	Theory		Practical
	Topic	Practical Day	Topic
1st (Dec 4th week)	Introduction to Social Pharmacy: Definition and Scope. Social Pharmacy as a discipline and its scope in improving the public health.	1st (Batch A)	National immunization schedule for children, adult vaccine schedule, vaccines which are not included in the national immunization program
	Role of Pharmacists in Public Health. Concept of Health - WHO Definition	2nd (Batch B)	----Do----
	Various dimensions, determinants, and health indicators.		
2nd (Dec 5th week)	National Health Policy – Indian perspective	1st (Batch A)	Rch – reproductive and child health – nutritional aspects, relevant national health programmes.
	Public and Private Health System in India	2nd (Batch B)	----Do----
	National health mission		
3rd (Jan 1st)	Introduction to Millennium Development Goals	1st (Batch A)	Family planning devices

week)	Sustainable development goals	2nd (Batch B)	----Do----
	FIP development goals		
4th(Jan 2nd week)	Revision	1st (Batch A)	Viva voce
	Role of Pharmacists in the following Demography and Family Planning	2nd (Batch B)	----Do----
	Mother and child health		
5th(Jan 3rd week)	Importance of breastfeeding	1st (Batch A)	Microscopical observation of different microbes
	Ill effects of infant milk substitutes and bottle feeding	2nd (Batch B)	----Do----
	Overview of Vaccines, types of immunity and immunization		
6th(Jan .4th week)	Effect of Environment on Health – Water pollution	1st (Batch A)	Oral health and hygiene
	Importance of safe drinking water	2nd (Batch B)	----Do----
	Waterborne diseases		
7th(Feb 1st week)	Air pollution	1st (Batch A)	Personal hygiene and etiquettes – hand washing techniques, cough and sneeze etiquettes
	Noise pollution	2nd (Batch B)	----Do----
	Sewage and solid waste disposal		

8th(Feb 2nd week)	Occupational illnesses, Environmental pollution due to pharmaceuticals	1st (Batch A)	Viva voce
	Psychosocial Pharmacy: Drugs of misuse and abuse	2nd (Batch B)	----Do----
	Psychotropics, narcotics		
9th(Feb 3rd week)	Alcohol, tobacco products.	1st (Batch A)	Various types of masks, ppe gear, wearing/using them, and disposal.
	Social Impact of these habits on social health	2nd (Batch B)	----Do----
	Productivity and suicidal behaviours		
10th(Feb 4th week)	Revision	1st (Batch A)	Menstrual hygiene, products used
	Basics of nutrition – Macronutrients	2nd (Batch B)	
	Micronutrients		
11th(Mar 1st week)	Importance of water and fibres in diet	1st (Batch A)	First aid – theory, basics, demonstration, hands on training, audio-visuals, and practice, bsl (basic life support) systems [sca - sudden cardiac arrest, fbao - foreign body airway obstruction, cpr, defibrillation (using aed) (includes cpr techniques, first responder).
	Balanced diet	2nd (Batch B)	----Do----
	Malnutrition, nutrition deficiency diseases		
12th(Mar 4th week)	Ill effects of junk foods	1st (Batch A)	Emergency treatment for all medical emergency cases viz. Snake bite, dog bite, insecticide

			poisoning, fractures, burns, epilepsy etc.
	Calorific and nutritive values of various foods	2nd (Batch B)	----Do----
	Fortification of food		
13th(Mar 5th week)	Introduction to food safety	1st (Batch A)	Viva voce
	Adulteration of foods	2nd (Batch B)	----Do----
	Effects of artificial ripening		
14th(Apr 2nd week)	Use of pesticides	1st (Batch A)	Role of pharmacist in disaster management.
	Genetically modified foods	2nd (Batch B)	----Do----
	Dietary supplements, nutraceuticals, food supplements – indications, benefits,		
15th(Apr 3rd week)	Drug-food interactions	1st (Batch A)	Marketed preparations of disinfectants, antiseptics, fumigating agents, antilarval agents, mosquito repellents, etc.
	Introduction to Microbiology	2nd (Batch B)	----Do----
	Common microorganisms		
16th (Apr 4th week)	Introduction to epidemiology, and its applications	1st (Batch A)	Health communication: audio / video podcasts, images, power point slides, short films, etc. In regional language(s) for mass communication / education / awareness on 5 different communicable diseases, their signs and symptoms, and prevention.

	Understanding of terms such as epidemic, pandemic, endemic	2nd (Batch B)	----Do----
	Mode of transmission, outbreak, quarantine		
17th(May 1st week)	Isolation, incubation period, contact tracing, morbidity, mortality	1st (Batch A)	Water purification techniques, use of water testing kit, calculation of content/percentage of kmno ₄ , bleaching powder to be used for wells/tanks
	Causative agents, epidemiology and clinical presentations and Role of Pharmacists in educating the public in prevention	2nd (Batch B)	----Do----
	Respiratory infections – chickenpox		
18th(May 2nd week)	Measles, rubella	1st (Batch A)	Counselling children on junk foods, balanced diets – using information, education and communication (iec), counselling, etc. (simulation experiments)
	Mumps, influenza (including Avian-Flu, H1N1, SARS, MERS, COVID-19)	2nd (Batch B)	----Do----
	Diphtheria, whooping cough, meningococcal meningitis		
19th(June 2nd week)	Acute respiratory infections	1st (Batch A)	Viva voce
	Tuberculosis, Ebola	2nd (Batch B)	----Do----
	Intestinal infections – poliomyelitis		

20 th (June 3rd week)	Viral hepatitis, cholera,	1st (Batch A)	Preparation of various charts on nutrition, sources of various nutrients from locally available foods, calculation of caloric needs of different groups (e.g. child, mother, sedentary lifestyle, etc.). Chart of glycemic index of foods.
	Acute diarrheal diseases, typhoid	2nd (Batch	----Do----
	Amebiasis		
21 st (June 4th Week)	Worm infestations	1st (Batch A)	Viva voce
	Food poisoning	2nd (Batch B)	----Do----
	Arthropod-borne infections - dengue, malaria		
22 nd (June 5th week)	Filariasis and, chikungunya	1st (Batch A)	Tobacco cessation, counselling, identifying various tobacco containing products through charts/pictures
	Surface infections – trachoma, tetanus, leprosy	2nd (Batch B)	----Do----
	STDS		
23 rd (July 1st week)	HIV/AIDS	1st (Batch A)	Viva voce
	Introduction to health systems	2nd (Batch B)	----Do----
	All ongoing National Health programs in India		
24 th (July 2nd week)	Their objectives		
	Functioning, outcome		
	The role of pharmacists		

25th (July 3rd week)	Pharmacoeconomics – Introduction, basic terminologies		
	Importance of pharmacoeconomics		
	Revision		