

Proposed Lecture Plan (2022-23)
Subject: Pharmacology-III (B. Pharm III year VI Semester)

Period Sr. No	Description of the topics to be taught
UNIT I	
1.	Anti -asthmatic drugs.
2.	Drugs used in the management of COPD.
3.	Expectorants and antitussives.
4.	Nasal decongestants.
5.	Respiratory stimulants
6.	Antiulcer agents.
7.	Drugs for constipation and diarrhoea.
8.	Appetite stimulants and suppressants.
9.	Digestants and carminatives.
10.	Emetics and anti-emetics
UNIT II	
11.	General principles of chemotherapy.
12.	Sulfonamides
13.	cotrimoxazole
14.	Antibiotics- Penicillins.
15.	Cephalosporins.
16.	Chloramphenicol.
17.	Macrolides.
18.	quinolones and fluoroquinolins.
19.	Tetracycline.
20.	Aminoglycosides.
UNIT III	
21.	Antitubercular agents.
22.	Treatment of tuberculosis
23.	Antileprotic agents.
24.	Treatment of leprocy
25.	Antifungal agents.
26.	Antiviral drugs.
27.	Anthelmintics.
28.	Antimalarial drugs.
29.	Malaria cycle
30.	Antiamoebic agents
UNIT IV	
31.	Urinary tract infections
32.	sexually transmitted diseases
33.	Chemotherapy of malignancy
34.	Cancer pathogenesis
35.	Immunostimulants and Immunosuppressant.
36.	Protein drugs.
37.	monoclonal antibodies.
38.	target drugs to antigen, biosimilars
UNIT V	

39.	Definition and basic knowledge of acute, subacute and chronic toxicity
40.	Definition and basic knowledge of genotoxicity, carcinogenicity, teratogenicity and mutagenicity.
41.	General principles of treatment of poisoning.
42.	Clinical symptoms and management of barbiturates, morphine poisoning
43.	Clinical symptoms and management of organophosphorus compound and lead, mercury and arsenic poisoning.
44.	Definition of rhythm and cycles.
45.	Biological clock and their significance leading to chronotherapy

Lecture plan
Subject: Pharmacology-III (B. Pharm III year VI Semester)

Period Sl. No	Brief outline of the work done/ topics taught in the class	Date
UNIT I		
1.	Anti -asthmatic drugs.	20/02/2023
2.	Drugs used in the management of COPD.	20/02/2023
3.	Expectorants and antitussives.	23/02/2023
4.	Nasal decongestants.	24/02/2023
5.	Respiratory stimulants	24/02/2023
6.	Antiulcer agents.	27/02/2023
7.	Drugs for constipation and diarrhoea.	03/03/2023
8.	Appetite stimulants and suppressants.	03/03/2023
09.	Digestants and carminatives.	06/03/2023
10.	Emetics and anti-emetics	06/03/2023
UNIT II		
11.	General principles of chemotherapy.	13/03/2023
12.	Sulfonamides	13/03/2023
13.	cotrimoxazole	20/03/2023
14.	Antibiotics- Penicillins.	20/03/2023
15.	Cephalosporins.	24/03/2023
16.	Chloramphenicol.	24/03/2023
17.	Macrolides.	27/03/2023
18.	quinolones and fluoroquinolins.	27/03/2023
19.	Tetracycline.	28/03/2023
20.	Aminoglycosides.	
UNIT III		
21.	Antitubercular agents.	31/03/2023
22.	Treatment of tuberculosis	31/03/2023
23.	Antileprotic agents.	03/04/2023
24.	Treatment of leprocy	03/04/2023
25.	Antifungal agents.	7/04/2023
26.	Antiviral drugs.	7/04/2023
27.	DNA and RNA Viruses	10/04/2023
28.	Anthelmintics.	10/04/2023
29.	Antimalarial drugs.	11/04/2023

30.	Antiamoebic agents	11/04/2023
UNIT IV		
31.	Urinary tract infections	13/04/2023
32.	sexually transmitted diseases	13/04/2023
33.	Chemotherapy of malignancy	15/04/2023
34.	Immunostimulants	15/04/2023
35.	Immunosuppressant	16/04/2023
36.	Protein drugs.	17/04/2023
37.	monoclonal antibodies.	17/04/2023
38.	target drugs to antigen, biosimilars	18/04/2023
UNIT V		
39.	General principles of treatment of poisoning.	20/4/2023
40.	Clinical symptoms and management of barbiturates, morphine poisoning	21/04/2023
41.	Clinical symptoms and management of organophosphorus compound and lead poisoning.	24/04/2023
42.	Clinical symptoms and management of mercury and arsenic poisoning.	24/04/2023
43.	Chronopharmacology	28/04/2023
44.	Definition of rhythm and cycles	01/05/2023
45.	Biological clock and their significance leading to chronotherapy	01/05/2023

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