

Teaching Plan AY-24-25

Term-I

SEM-V Pharmacology-II (Theory)

Name of Faculty- Ms. S.S.Pawar

SR.NO	UNIT	TOPICS	PLANNED DATES	Executive Dates
1	UNIT-I 10hours	Introduction to hemodynamic		
2	1. Pharmacology of drugs acting on cardiovascular system	electrophysiology of heart.		
3		Drugs used in congestive heart failure		
4		Anti-hypertensive drugs.		
5		Anti-hypertensive drugs.		
6		Anti-anginal drugs.		
7		Anti-arrhythmic drugs.		
8		Anti-arrhythmic drugs.		
9		Anti-hyperlipidemic drugs		
10		Anti-hyperlipidemic drugs		
11	UNIT-II	Drug used in the therapy of shock		
12	1. Pharmacology of drugs acting on cardiovascular system	Hematinics		
13		Hematinics		
14		coagulants		
15		anticoagulants		
16		Fibrinolytics		
17		anti-platelet drugs		
18		Plasma volume expanders		
19	2. Pharmacology of drugs acting on urinary system	Diuretics		
20		Anti-diuretics		
21	UNIT-III	Introduction to autacoids and classification		
22	Autocoids and related drugs	Histamine, 5-HT and their antagonists.		
23		Prostaglandins,		
24		Thromboxanes and Leukotrienes.		
25		Angiotensin		
26		Bradykinin and Substance P.		
27		Non-steroidal anti-inflammatory agents		
28		Anti-gout drugs		

29		Antirheumatic drugs		
30		Antirheumatic drugs		
31	UNIT-IV	Basic concepts in endocrine pharmacology		
32	Pharmacology of drugs acting on endocrine system	Anterior Pituitary hormones-analogues and their inhibitors		
33		Thyroid hormones- analogues and their inhibitors		
34		Hormones regulating plasma calcium level- Parathormone, Calcitonin and Vitamin-D		
35		Calcitonin and Vitamin-D		
36		Insulin		
37		Oral Hypoglycemic agents and glucagon		
38		ACTH and corticosteroids		
39	UNIT-V	Androgens and Anabolic steroids		
40	Pharmacology of drugs acting on endocrine system	Estrogens, progesterone and oral contraceptives.		
41		Drugs acting on the uterus.		
42		Principles and applications of bioassay		
43	Bioassay	.Types of bioassay		
44		Bioassay of insulin, oxytocin, vasopressin, ACTH		
45		d-tubocurarine,digitalis, histamine and 5-HT		