

GUJARAT TECHNOLOGICAL UNIVERSITY

M.Pharm CLINICAL PHARMACY SEMESTER: I

Subject Name: PHARMACOTHERAPEUTICS- I

Subject Code: MCP102T

Scope:

Objectives:

Sr.	Topic	Hr
1.	Central Nervous system: Neurodegenerative Disorders (Parkinson's disease, Alzheimer's disease, Huntington's chorea, Spasticity), behavioral disorder-(Anxiety, Insomnia, Depression and Mania), Psychoses, Epilepsy, Migraine	14
2.	Cardiovascular and hemopoietic system ; Hypertension, Acute Coronary Syndrome, Angina Pectoris, Atherosclerosis, Congestive Heart Failure, Arrhythmias, Thromboembolic disorder, Anaemia	14
3.	Endocrine system : Disorders of thyroid gland and Parathyroid gland, Diabetes, Adrenocortical dysfunction	08
4.	Gastro-intestinal System : Peptic Ulcer, Inflammatory Bowel Disease, Vomiting, Achlorhydria, Constipation, Diarrhea, Liver diseases	08
5.	Respiratory system: Bronchial Asthma, Chronic Obstructive Pulmonary Disease (COPD), Allergic Rhinitis, Common cold & Cough, Cystic fibrosis	07
6.	Urogenital system: Renal Failure, Infertility, Benign Prostatic Hypertrophy, dysmenorrhea, Menopause	06
7.	Disorders of eye: Glaucoma, Conjunctivitis	03

REFERENCES:

1. Clinical Pharmacy and Therapeutics - Roger and Walker, Churchill Livingstone Publication
2. Pharmacotherapy: A Pathophysiologic Approach - Joseph T. Dipiro et al. Appleton & Lange
3. Clinical Pharmacy and Therapeutics - Eric T. Herfindal, Williams and Wilkins Publication
4. Applied Therapeutics: The Clinical Use of Drugs. Lloyd Young and Koda-Kimble MA]
5. Text Book of Clinical Pharmacy Practice. Edt. G. Parthasarathi, Karin Nyfort Hansen and Milap. C.Nahata. Orient Longman Publications.
6. Applied Therapeutics: The Clinical Use or Drugs Eds. Brian S.Katcher, Lloyd Yee
7. Young, Marry Anne Koda-Kimble, Applied Therapeutics Inc. Spokane. Latest Edition.
8. Principles of Pharmacology –The Pathophysiologic Basic –Golan David E.
9. Pharmacological Basis of Therapeutics-Goodman and Gilman
10. Pharmacology-Rang and Dale
11. Essentials of Pharmacotherapeutics - F.S. Barar

12. Principles of Pharmacology – Paul L. Munson
13. Pharmacology and Pharmacotherapeutics - R.S.Satoskar
14. Pharmacotherapy- A Pathophysiological Approach-Joseph T. Dipiro.
15. Lewis's Pharmacology – James Crossland – Churchill Livingstone
16. Modern Pharmacology with Clinical Applications- Craig, Charles R.
17. Principles of Pharmacology--H. L. Sharma
18. Pathology & Therapeutics for Pharmacists. Russel. J. Greene and Normal F. Harris.
19. Chapman & Hall, London/ Glasgow/ Madras.
20. Robbins Pathologic Basis of Disease. Cartran, Kumar, Collins, W.B.Saunders. Latest edition.
21. Applied Therapeutics: The Clinical Use of Drugs Eds. Brian S.Katcher, Lloyd Yee Young,
22. Marry Anne Koda-Kimble, Applied Therapeutics Inc. Spokane. Latest Edition.
23. Avery's Drug Treatment, 4th Ed, 1997 Adis International Limited
24. Relevant review articles from recent medical and pharmaceutical literature