

GUJARAT TECHNOLOGICAL UNIVERSITY

M.Pharm

CLINICAL PHARMACY

SEMESTER: I

Subject Name: HOSPITAL AND COMMUNITY PHARMACY

Subject Code: MCP104T

Scope:

Objectives:

Sr.	Topic	Hr
1.	Hospital pharmacy – organization and management Organisational structure – staff, infrastructure & work load statistics Management of materials and finance, Roles & responsibilities of hospital Pharmacist	07
2.	Hospital drug policy Pharmacy and therapeutic committee (PTC) Hospital formulary Hospital committees: Infection committee, Research and Ethical committee	05
3.	Hospital pharmacy services Procurement & warehousing of drugs and pharmaceuticals Inventory control: definition, methods of inventory control, ABC, VED, EOQ, lead time, safety stock	07
4.	Drug distribution in the hospital Individual prescription method Floor stock method Unit dose drug distribution method Distribution of Narcotic and other controlled substances Central sterile supply services – role of pharmacist Radio pharmaceuticals – handling and packaging	09
5.	Self-medication and non-prescription drug usage	04
6.	Prescription monitoring and medication errors	04
7.	Patient Compliance	03
8.	Education and training: Training of technical staff, training and continuing education for pharmacists, Pharmacy students, Medical staff and students, Nursing staff and students, Formal and informal meetings and lectures, Drug and therapeutics newsletter	04
9.	Health Promotion: Definition and health promotion activities, family planning, Health screening services, first aid, prevention of communicable and non-communicable diseases, smoking cessation, Child & mother care National Health Programs- Role of Community Pharmacist in Malaria and TB control programs. Home Medicines review program – Definition, objectives, Guidelines, method and Outcomes Research in community pharmacy Practice	06

10.	Community Pharmacy Practice: Definition, roles & responsibilities of community pharmacists, and their relationship with other health care providers	04
11.	Community Pharmacy management: Legal requirements to start community pharmacy, site selection, lay out & design, drug display, super drug store model, accounts and audits, Good dispensing practices, Different softwares & databases used in community pharmacies. Entrepreneurship in community pharmacy.	07

REFERENCES:

1. Text Book of Community Pharmacy Practice. RPSGB Publication.
2. Community Pharmacy Handbook- Jonathan Waterfield
3. Community Pharmacy: Symptoms, Diagnosis and Treatment: Paul Rutter
4. Practice Standards and Definitions – The Society of Hospital Pharmacists of Australia.
5. Australian drug information- Procedure manual. The Society of Hospital Pharmacists of
6. Australia.
7. Hospital Pharmacy by William E. Hassan