

GUJARAT TECHNOLOGICAL UNIVERSITY

Pharm.D.

2nd year

Subject Name: Community Pharmacy

Subject Code: 828805

Scope: In the changing scenario of pharmacy practice in India, Community Pharmacists are expected to offer various pharmaceutical care services. In order to meet this demand, students will be learning various skills such as dispensing of drugs, responding to minor ailments by providing suitable safe medication, patient counselling, health screening services for improved patient care in the community set up.

Objectives: Upon completion of the subject student shall be able to –

- know pharmaceutical care services;
- know the business and professional practice management skills in community pharmacies;
- do patient counselling & provide health screening services to public in community pharmacy;
- respond to minor ailments and provide appropriate medication;
- show empathy and sympathy to patients; and appreciate the concept of Rational drug therapy.

Theory (2 Hours/ Week, Total: 60 Hours)

Teaching Scheme (Hours)				Evaluation Scheme (Marks)				Total marks
Theory	Tutorial	Practical	Total	Theory		Practical		
				External	Internal	External	Internal	
2	1	-	3	70	30	-	-	100

Sr. No.	Course Contents	Hours	Module Weightage
1	Definition, scope, of community pharmacy Roles and responsibilities of Community pharmacist	2	3%
2	Community Pharmacy Management a) Selection of site, Space layout, and design b) Staff, Materials- coding, stocking c) Legal requirements d) Maintenance of various registers e) Use of Computers: Business and health care soft wares	8	13%
3	Prescriptions – parts of prescription, legality & identification of medication related problems like drug interactions.	4	7%
4	Inventory control in community pharmacy Definition, various methods of Inventory Control ABC, VED, EOQ, Lead time, safety stock	6	10%
5	Pharmaceutical care Definition and Principles of Pharmaceutical care	3	5%

6	Patient counselling Definition, outcomes, various stages, barriers, Strategies to overcome barriers Patient information leaflets- content, design, & layouts, advisory labels	5	8%
7	Patient medication adherence Definition, Factors affecting medication adherence, role of pharmacist in improving the adherence.	4	7%
8	Health screening services <ul style="list-style-type: none"> • Definition, importance, methods for screening • Blood pressure/ blood sugar/ lung function and • Cholesterol testing 	4	7%
9	OTC Medication- Definition, OTC medication list & Counseling	3	5%
10	Health Education • WHO Definition of health and health promotion care for children		
11	Responding to symptoms of minor ailments Relevant pathophysiology common drug therapy to Pain GI disturbances		10%
12	Essential Drugs concept and Rational Drug Therapy Role of community pharmacist	4	7%
13	Code of ethics for community pharmacists	2	3%

Course Materials:

Text Books:

- a. Health Education and Community Pharmacy by N.S.Parmar. Latest Edition
- b. WHO consultative group report.
- c. Drug store & Business management by Mohammed Ali & Jyoti. Latest Edition

Reference books:

- a. Handbook of pharmacy – health care. Edt. Robin J Harman. The Pharmaceutical press. Latest Edition
- b. Comprehensive Pharmacy Review – Edt. Leon Shargel. Lippincott Williams & Wilkins. Latest Edition

Special requirements

1. Either the college is having model community pharmacy (meeting the schedule N requirement) or sign MoU with at least 4-5 community pharmacies nearby to the college for training the students on dispensing and counselling activities.
2. Students can be oriented/ trained about pharmacy store layout, legal requirements, list of drugs and items sold, storage conditions, software, inventory control, prescription handling, patient information leaflets, etc.
3. Students can be trained for using special equipments like B.P apparatus, Glucometer, Peak flow meter and methods for cholesterol estimation.