

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm (Practice)

1st Year

Subject Name: Pharmacy Practice I

Subject Code: PP103TP

Scope: Practicing pharmacists have opportunity to provide various patient care services to improve the patient's health in community settings through counselling, health screening services, and other education programs. In hospital settings, pharmacists can ensure appropriate dispensing, education to patient, and provide all hospital pharmacy services including clinical pharmacy services such as drug information and ADR reporting.

Objectives: Upon completion of this course the student should be able to:

1. Understand the professional roles of pharmacists in community, hospital and clinical pharmacy areas.
2. Understand the professional responsibilities of the pharmacists.
3. Provide the intended services

Course duration:

Learning: 40 hours of learning by blended mode of teaching. Blended teaching includes didactic and onsite learning.

Case Presentations: During the course each student should present **5 cases** covering the diseases prescribed in the syllabus.

Assignments: Each student should complete **two assignments** covering therapeutics and pharmacy practice concepts and will be evaluated at the time Final Examination

Sr . No	Course Content	Hrs
1.	Introduction to Pharmacy Practice – Definition, patient focused approach, scope/areas of practice	1
2.	Introduction to Clinical Pharmacy a) Definition, Scope, Objectives of Clinical Pharmacy Practice b) International v/s National scenario c) Professional responsibilities of Clinical Pharmacists	3
3	Clinical Pharmacy daily activities a) Definition, objectives and procedures of - Ward round participation - Treatment chart review - Drug information - Patient counseling - ADR monitoring and reporting - Therapeutic drug monitoring - Home Medication Review b) Patient Data analysis Patient case history, drug therapy evaluation, identification and resolving of drug related problems	2
4	Practice Management: a) Professional practice standards - Good Pharmacy Practice – in detail including Good storage practice, good dispensing practices, etc. (national and international scenario) (for both community and hospital pharmacy)	8

	<ul style="list-style-type: none"> b) Pharmacy Practice Regulations (PCI), Code of Ethics for Pharmacists c) SOPs, writing SOPs, Documentation, writing various record formats for community and hospital pharmacy, validation of various processes in Hospital & Community Pharmacy. d) Concept of Accreditation of Pharmacies e) Validation concepts & instruments for community pharmacy and hospital pharmacy f) Concept of Audits in community and hospital pharmacy 	
5	<p>Hospital and Hospital Pharmacy Organisation</p> <ul style="list-style-type: none"> a) Definition of Hospital, Hospital Pharmacy, Organizational Structure of Hospital, Hospital Pharmacy, professional roles and responsibilities of hospital pharmacist b) Advantages, need and disadvantages/risks of Hospitalization. Nosocomial infections/HAI – worldwide scenario, statistics/prevalence, dangers, precautions to take. Problems related to hospitals, high risk environment c) International scenario vs Indian Scenario of Hospital Pharmacy Practice d) Hospital Pharmacy Practice - Requirements for functioning of hospital pharmacy, Qualification and experience requirements for pharmacists, work load statistics e) Standards of Pharmacies in hospitals 	6
6	<p>Drug Committees: Pharmacy and Therapeutics Committee, Hospital Formulary, Infection Control committee, Institutional Review Board</p>	4
7	<p>Community Pharmacy</p> <ul style="list-style-type: none"> a) Definition, scope and professional responsibilities of community pharmacist b) International scenario vs Indian Scenario of Community Pharmacy Practice c) Pharmacy Assistant/Technician/Salesperson – roles and responsibilities d) Community pharmacist's services to other health care professionals, and to nursing homes 	8
8	<p>Community Pharmacy Management Selection of site, legal requirements, procurement, storage, and inventory control, product display, finance management</p>	4

