



BENGAL SCHOOL OF TECHNOLOGY

Estd. by Supreme Educational Development and Charitable Organization (SEDCO)

Recognised by UGC & included u/s 2(f) of UGC Act 1956

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Maulana Abul Kalam Azad University of Technology (MAKAUT) & West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT&VE&SD)

Accredited by NAAC with "A" Grade, Accredited by NBA for B. Pharm

Lesson Plan

Class: B.Pharm 4th Year 7th Semester

Session: 2026-27

Date of Commencement of Session: 30.07.2026

Subject Name: Pharmacy Practice

Subject code: PT-718

Faculty In charge: Mainak Khamaru

Schedule of allotted class work (w.e.f)

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Time/period	09.40a.m-10.40am		-	09.40a.m-10.40am	
Section A				-	
Section B	11.40am-12.40pm		-	10.40a.m-11.40 a.m -	

Available Periods/week _____ 4 _____ Available periods in the total semester _____ 24 _____ Extra Classes _____ 02 _____
Guest Lectures planned if any with justification _____ NA _____

Scope & Objective of the course:

Scope: In the changing scenario of pharmacy practice in India, for successful practice of Hospital Pharmacy, the students are required to learn various skills like drug distribution, drug information, and therapeutic drug monitoring for improved patient care. In community pharmacy, students will be learning various skills such as dispensing of drugs, responding to minor ailments by providing suitable safe medication, patient counselling for improved patient care in the community set up.

Objectives: Upon completion of the course, the student shall be able to:

1. know various drug distribution methods in a hospital
2. appreciate the pharmacy stores management and inventory control
3. monitor drug therapy of patient through medication chart review and clinical review
4. obtain medication history interview and counsel the patients
5. identify drug related problems
6. detect and assess adverse drug reactions
7. interpret selected laboratory results (as monitoring parameters in therapeutics) of specific disease states
8. know pharmaceutical care services
9. do patient counseling in community pharmacy;
10. appreciate the concept of Rational drug therapy.

Reading materials:

A. Text Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
1.	A textbook of Pharmacy Practice	S. Balasubramanian	1st	PharmaMed Press	BB2183	68-B
2.	Pharmacy Practice	Dr. S.V. Tembhurne, Dr. A. R. Madgulkar, Dr. V. S. Ligade	4 th	Nirali Prakashan	10784	30-F

B. Reference Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
1.	Clinical Pharmacy and Therapeutics	Dr. Roger Walker, Dr. Cate Whittlesea	4 th	Churchill Livingstone Elsevier	2936	30-E
2.	A textbook of Clinical Pharmacy Practice Essential concepts and skills	Dr. G. Parthasarathi, Karin Nyfort-Hansen, Dr. Milap C Nahata	1 st .	Universities Press (India) Private Limited	3330	30-D

C. Journals / Website/Any other resources

Sl. No.	Name of the journal (s)/website/others	Source	Vol. no.	Month & Year
1.	American Journal of Health-System Pharmacy (AJHP)	Oxford Academic/ ASHP	Vol. 78, Issue 10	May 2021
2.	International Journal of Clinical Pharmacy (IJCP)	Springer Nature	Vol. 44, Issue 4	August 2022
3.	ASHP Practice Guidelines (Investigational Drugs)	ASHP	Vol. 75, Issue 24	December 2018
4.	Basic Skills in Interpreting Laboratory Data	ASHP Publications	7 th Edition	January 2022
5.	A Textbook of Clinical Pharmacy Practice	Orient Blackswan / Universities Press	2nd Edition	January 2012

Chapters and topics covered by Co-faculty

Unit No.	Name of the topic	Faculty name
III	Pharmacy and therapeutic committee. Drug information services. Patient counseling. Education and training program in the hospital. Prescribed medication order and communication skills	Mr. Dipyaman Chattaraj
IV	Budget preparation and implementation. Clinical Pharmacy. Over the counter (OTC) sales	Mr. Dipyaman Chattaraj
V (b,c)	Investigational use of drugs. Interpretation of Clinical Laboratory Tests	Mr. Dipyaman Chattaraj

Daily Teaching Schedule for UNIT-I

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	30-07-2026	Thursday	In the changing scenario of pharmacy practice in India, for successful practice of Hospital Pharmacy, the students are required to learn various skills like drug distribution, drug information, and therapeutic drug monitoring for improved patient care	Chalk and talk/PPT	A1 A2
2.	03-08-2026	Monday	Objectives	Chalk and talk/PPT	A1 A2
3.	06-08-2026	Thursday	Definition, Classification of hospital- Primary, Secondary and Tertiary hospitals, Classification based on clinical and non- clinical basis, Organization Structure of a Hospital, and Medical staffs involved in the hospital and their functions..	Chalk and talk/PPT	B2
4.	10-08-2026	Monday	Definition, functions of hospital pharmacy, Organization structure, Location, Layout and staff requirements, and Responsibilities	Chalk and talk/PPT	A1 B2

			and functions of hospital pharmacists.		
5.	13-08-2026	Thursday	Classifications - Excessive pharmacological effects, secondary pharmacological effects	Chalk and talk/PPT	A1 B2
6.	17-08-2026	Monday	Idiosyncrasy, allergic drug reactions	Chalk and talk/PPT	A1 A2
7.	20-08-2026	Thursday	Genetically determined toxicity, toxicity following sudden withdrawal of drugs, Drug interaction beneficial interactions, adverse interactions, and pharmacokinetic drug interactions.	Chalk and talk/PPT	A2
8.	24-08-2026	Monday	Methods for detecting drug interactions, spontaneous case reports and record linkage studies, and Adverse drug reaction reporting and management. Organization and structure of retail and wholesale drug store, types and design.	Chalk and talk/PPT	A1, A2
9.	27-08-2026	Thursday	Legal requirements for establishment and maintenance of a drug store. Dispensing of proprietary products	Chalk and talk/PPT	A1, A2
10.	31-08-2026	Monday	Maintenance of records of retail and wholesale drug store.	Chalk and talk/PPT	A2, B2

Daily Teaching Schedule for UNIT-II

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	03-09-2026	Thursday	Drug distribution system in a hospital	Chalk and talk/PPT	A1, A2
2.	07-09-2026	Monday	Dispensing of drugs to inpatients, types of drug distribution systems.	Chalk and talk/PPT	A1,A2, B1, B2
3.	10-09-2026	Thursday	Charging policy and labelling, Dispensing of drugs to ambulatory patients.	Chalk and talk/PPT	A1, B1, B2
4.	14-09-2026	Monday	Dispensing of controlled drugs.	Chalk and talk/PPT	A1, B2
5.	21-09-2026	Monday	Hospital formulary Definition, contents of hospital formulary.	Chalk and talk/PPT	A1, B2
6.	24-09-2026	Thursday	Differentiation of hospital formulary and Drug list, preparation and revision, and addition and deletion of drug from hospital formulary.	Chalk and talk/PPT	A1, B1, B2
7.	28-09-2026	Monday	Therapeutic drug monitoring Need for Therapeutic Drug Monitoring, Factors to be considered during the Therapeutic Drug Monitoring, and Indian scenario for Therapeutic Drug Monitoring.	Chalk and talk/PPT	A1, A2
8.	01.10.2026	Thursday	Medication adherence Causes of medication non-adherence, pharmacist role in the medication adherence, and monitoring of patient medication adherence.		A1, B1, B2
9.	05.10.2026	Monday	Patient medication history interview Need for the patient medication		A1, A2

			history interview, medication interview forms		
10	08.10.2026	Thursday	Community pharmacy management Financial, materials, staff, and infrastructure requirements.		A1, B1, B2

Daily Teaching Schedule for UNIT-V

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	12-10-2026	Monday	Organisation of drug store, types of materials stocked and storage conditions	Chalk and talk/PPT	A1, A2
2.	29-10-2026	Thursday	Purchase and inventory control: principles, purchase procedure, purchase order	Chalk and talk/PPT	A2, A2
3.	02-11-2026	Monday	Procurement and stocking, Economic order quantity.	Chalk and talk/PPT	A1, A2
4.	05-11-2026	Thursday	Reorder quantity level, and Methods used for the analysis of the drug expenditure.	Chalk and talk/PPT	A1, B1
Grand total number of classes available in the semester					24 (twenty four)

Extra Classes

1.	19-11-2026	Thursday	Doubt clearing and question patterns: UNIT-I	Chalk and talk/PPT	Suggested Knowledge Resources A1, A2, B1, B2
2.	23-11-2026	Monday	Doubt clearing and question patterns: UNIT-II , V(a)	Chalk and talk/PPT	A1, A2, B1, B2