



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: Dipyaman Chattaraj

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

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

Available Periods/week 4 Available periods in the total semester 24 Extra Classes 2
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
I	Hospital and its organization, Hospital pharmacy and its organization, Adverse drug reaction, Community Pharmacy	Mr. Mainak Khamaru
II	Drug distribution system in a hospital, Hospital formulary, Therapeutic drug monitoring, Medication adherence, Patient medication history interview, Community pharmacy management	Mr. Mainak Khamaru
V (a)	Drug store management and inventory control	Mr. Mainak Khamaru

Daily Teaching Schedule for UNIT-III

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	31-07-2026	Friday	Pharmacy and therapeutic committee: Organization, functions, Policies of the pharmacy and therapeutic committee in including drugs into formulary	Chalk and talk/PPT	A1 A2
2.	04-08-2026	Tuesday	Pharmacy and therapeutic committee: Inpatient and outpatient prescription, automatic stop order, and emergency drug list preparation.	Chalk and talk/PPT	A1 A2
3.	07-08-2026	Friday	Drug information services: Drug and Poison information centre, Sources of drug information, computerized services, and storage and retrieval of information.	Chalk and talk/PPT	B2
4.	11-08-2026	Tuesday	Patient counseling: Definition of patient counseling; steps involved in patient counseling	Chalk and talk/PPT	A1 B2
5.	14-08-2026	Friday	Patient counseling: Special cases that require the pharmacist	Chalk and talk/PPT	A1 B2
6.	18-08-2026	Tuesday	Education and training program in the hospital: Role of pharmacist in	Chalk and talk/PPT	A1 A2

			the education and training program, Internal and external training program		
7.	21-08-2026	Friday	Education and training program in the hospital: Services to the nursing homes/clinics, Code of ethics for community pharmacy.	Chalk and talk/PPT	A2
8.	25-08-2026	Tuesday	Education and training program in the hospital: Role of pharmacist in the interdepartmental communication and community health education	Chalk and talk/PPT	A1, A2
9.	01-09-2026	Tuesday	Prescribed medication order and communication skills: Prescribed medication order- interpretation and legal requirements	Chalk and talk/PPT	A1, A2
10.	08-09-2026	Tuesday	Prescribed medication order and communication skills: communication with prescribers and patients.	Chalk and talk/PPT	A2, B2

Daily Teaching Schedule for UNIT-IV

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	11-09-2026	Friday	Budget preparation and implementation	Chalk and talk/PPT	A1, A2
2.	15-09-2026	Tuesday	Clinical Pharmacy: Introduction to Clinical Pharmacy, Concept of clinical pharmacy, functions and responsibilities of clinical pharmacist	Chalk and talk/PPT	A1,A2, B1, B2
3.	18-09-2026	Friday	Clinical Pharmacy: Drug therapy monitoring	Chalk and talk/PPT	A1, B1, B2
4.	22-09-2026	Tuesday	Clinical Pharmacy: Pharmacist intervention, Ward round participation	Chalk and talk/PPT	A1, B2
5.	25-09-2026	Friday	Clinical Pharmacy: Medication history and Pharmaceutical care.	Chalk and talk/PPT	A1, B1, B2
6.	29-09-2026	Tuesday	Clinical Pharmacy: Medication chart review, clinical review	Chalk and talk/PPT	A1, B2
7.	06-10-2026	Tuesday	Clinical Pharmacy: Dosing pattern and drug therapy based on Pharmacokinetic & disease pattern	Chalk and talk/PPT	A1, B1, B2
8.	09-10-2026	Friday	Over the counter (OTC) sales: Introduction and sale of over the counter, and Rational use of common over the counter medications.	Chalk and talk/PPT	A1, A2

Daily Teaching Schedule for UNIT-V

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	13-10-2026	Tuesday	Investigational use of drugs: Description, principles involved, classification	Chalk and talk/PPT	A1, A2
2.	27-10-2026	Tuesday	Investigational use of drugs: Control, identification	Chalk and talk/PPT	A2, A2

3.	30-10-2026	Friday	Investigational use of drugs: role of hospital pharmacist, advisory committee.	Chalk and talk/PPT	A1, A2
4.	03-11-2026	Tuesday	Interpretation of Clinical Laboratory Tests: Blood chemistry	Chalk and talk/PPT	A1, B1
5.	06-11-2026	Friday	Interpretation of Clinical Laboratory Tests: Hematology	Chalk and talk/PPT	A1, B1
6.	13-11-2026	Friday	Interpretation of Clinical Laboratory Tests: Urinalysis	Chalk and talk/PPT	A1, B1
Grand total number of classes available in the semester					24 (twenty four)

Extra Classes

1.	17-11-2026	Tuesday	Doubt clearing and question patterns: UNIT-III and UNIT-V (b)	Chalk and talk/PPT	<table border="1"><tr><td>Suggested Knowledge Resources</td></tr><tr><td>A1, A2, B1, B2</td></tr></table>	Suggested Knowledge Resources	A1, A2, B1, B2
Suggested Knowledge Resources							
A1, A2, B1, B2							
2.	20-11-2026	Friday	Doubt clearing and question patterns: UNIT-IV and UNIT-V (c)	Chalk and talk/PPT	A1, A2, B1, B2		