



BENGAL SCHOOL OF TECHNOLOGY

AUTONOMOUS

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 (WBST&VE&SD)

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

Lesson Plan

Class: B. Pharm 3rd year 5th Semester

Session: 2026-27

Date of Commencement of Session: 30th July, 2026

Subject Name: Medicinal Chemistry – II

Subject code: PT-513B

Faculty In charge: Ms. Sayani Paul

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

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Time/period				2:25 pm – 3:25 pm	
Section A					
Section B				4:25 pm – 5:25 pm	

Available Periods/week _____ 1 _____ Available periods in the total semester _____ 15 _____ Extra Classes _____

Guest Lectures planned if any with justification _____ NA _____

Scope & Objective of the course: To understand the chemistry, SAR, physicochemical properties, metabolism, therapeutic uses, adverse effects, and synthesis of important drugs.

Reading materials:

A. Text Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
	Text Book of Medicinal Chemistry	V Alagarsamy	4 th	CBS Publishers and Distributors	11651	C-23

B. Reference Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
	Medicinal Chemistry	Ashutosh Kar	3 rd	New Age International (P) Limited, Publishers	1453	C-20

Daily Teaching Schedule for UNIT-III

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	30.07.2026	Thursday	Anti arrhythmic drug classification, Mechanism of action	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
2.	06.08.2026	Thursday	Class 1 A Anti arrhythmic drug Quinidine sulphate	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
3.	13.08.2026	Thursday	Procainamide Hydrochloride	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
4.	20.08.2026	Thursday	Disopyramide phosphate synthesis	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
5.	27.08.2026	Thursday	Phenytoin sodium, Lidocaine hydrochloride	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
6.	03.09.2026	Thursday	Tocainide hydrochloride, Mexiletine hydrochloride	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.

7.	10.09.2026	Thursday	Amiodarone, Sotalol.	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
8.	24.09.2026	Thursday	Anti-hyperlipidemic agents	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
9.	01.10.2026	Thursday	Clofibrate, Lovastatin	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
10.	08.10.2026	Thursday	Cholesteramine and Cholestipol	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
11.	29.10.2026	Thursday	Coagulant & Anticoagulants, Acetomenadione	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
12.	05.11.2026	Thursday	Warfarin	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
13.	19.11.2026	Thursday	Anisindione, clopidogrel	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
14.	26.11.2026	Thursday	Drugs used in Congestive Heart Failure, Digoxin	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
15.	03.12.2026	Thursday	Digitoxin, Tezosentan.	Chalk & Board	Text Book of Medicinal Chemistry, V Alagarsamy/ Medicinal Chemistry, Ashutosh Kar.
Grand total number of classes planned for the semester				15	