



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 (WBSCT&VE&SD)

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

Lesson Plan

Class: 3rd Year/ 5th Semester

Session: 2026-2027

Date of Commencement of Session: 30.07.26

Subject Name: Pharmacology II

Subject code: PT 518

Faculty In charge: Mr. Subhadas Chatterjee

Schedule of allotted class work (w.e.f): 06.01.26

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Time/period Section A			3:25 PM – 4:25 PM	4:25 PM – 5:25 PM	
Section B			12:40 PM – 1.40 PM	2:25 PM – 3:25 PM	

Available Periods/week _____ 4 _____ Available periods in the total semester _____ 52 _____ Extra

Classes _____ NA _____

Guest Lectures planned if any with justification: NA

Scope & Objective of the course: This subject is intended to impart the fundamental knowledge on various aspects (classification, mechanism of action, therapeutic effects, clinical uses, side effects and contraindications) of drugs acting on different systems of body and in addition, emphasis on the basic concepts of bioassay.

Reading materials:

A. Text Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
1.	Essential Of Medical pharmacology	K D Tripathi	8 th	Jaypee Publications.	C14A	7049
2.	Pharmacology Lippincott	Richard A Hervey	6 th	Wolters Kluwer	C14A	6567

B. Reference Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
1.	Pharmacology Basis Of Therapeutics	Laurance I Brunton	12 th	Mc. Graw Hill	C8D	5218

C. Journals / Website/Any other resources

Sl. No.	Name of the journal (s)/website/others	Source	Vol. no.	Month & Year
	NA			

Daily Teaching Schedule for UNIT-I

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources

Daily Teaching Schedule for UNIT-II

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources

Daily Teaching Schedule for UNIT-III

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources

1.	30.07.26	Thursday	AUTACOIDS INTRODUCTION TO AUTACOIDS AND CLASSIFICATION	Chalk-duster, PPT	Book, PPT
2.	05.08.26	Wednesday	HISTAMIN, THEIR ANTAGONISTS	Chalk-duster, PPT	Book, PPT
3.	06.08.26	Thursday	5-HT, THEIR ANTAGONISTS	Chalk-duster, PPT	Book, PPT
4.	12.08.26	Wednesday	5-HT , THEIR ANTAGONISTS	Chalk-duster, PPT	Book, PPT
5.	13.08.26	Thursday	EICOSANOIDS, THEIR ANTAGONISTS	Chalk-duster, PPT	Book, PPT
6.	19.08.26	Wednesday	PG , THEIR ANTAGONISTS	Chalk-duster, PPT	Book, PPT
7.	20.08.26	Thursday	LEUKOTRIENES, THEIR ANTAGONISTS,	Chalk-duster, PPT	Book, PPT
8.	27.08.26	Thursday	PAF, THEIR AGONISTS & ANTAGONISTS	Chalk-duster, PPT	Book, PPT
9.	02.09.26	Wednesday	BRADYKININ, NSAIDS	Chalk-duster, PPT	Book, PPT
10.	03.09.26	Thursday	ANTIGOUT, ANTIRHEUMATIC DRUGS	Chalk-duster, PPT	Book, PPT
11.	09.09.26	Wednesday	Revision of Unit III	Chalk-Duster	Book
12.	10.09.26	Thursday	Q&A of Unit III	Chalk-Duster	Book

Daily Teaching Schedule for UNIT-IV

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	16.09.26	Wednesday	CONCEPTS IN ENDOCRINE PHARMACOLOGY	Chalk-duster, PPT	Book, PPT
2.	23.09.26	Wednesday	ANTERIOR PITUITARY HORMONES- ANALOGUES AND THEIR INHIBITORS.	Chalk-duster, PPT	Book, PPT
3.	24.09.26	Thursday	THYROID HORMONES- ANALOGUES AND THEIR INHIBITORS	Chalk-duster, PPT	Book, PPT
4.	30.09.26	Wednesday	THYROID HORMONES- ANALOGUES AND THEIR INHIBITORS	Chalk-duster, PPT	Book, PPT
5.	01.10.26	Thursday	HORMONES REGULATING PLASMA CALCIUM LEVEL- PARATHORMONE, CALCITONIN AND VITAMIN-D	Chalk-duster, PPT	Book, PPT
6.	07.10.26	Wednesday	HORMONES REGULATING PLASMA CALCIUM LEVEL- PARATHORMONE, CALCITONIN AND VITAMIN-D	Chalk-duster, PPT	Book, PPT
7.	08.10.26	Thursday	INSULIN, ORAL HYPOGLYCEMIC AGENTS AND GLUCAGON.	Chalk-duster, PPT	Book, PPT
8.	14.10.26	Wednesday	INSULIN, ORAL HYPOGLYCEMIC AGENTS AND GLUCAGON.	Chalk-duster, PPT	Book, PPT
9.	28.10.26	Wednesday	ACTH AND CORTICOSTEROIDS	Chalk-duster, PPT	Book, PPT
10.	29.10.26	Thursday	ACTH AND CORTICOSTEROIDS	Chalk-duster, PPT	Book, PPT
11.	04.11.26	Wednesday	Revision of Unit IV	Chalk-duster, PPT	Book, PPT
12.	05.11.26	Thursday	Q&A of Unit IV	Chalk-duster, PPT	Book, PPT

Daily Teaching Schedule for UNIT-V

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1.	18.11.26	Wednesday	ANDROGENS AND ANABOLIC STEROIDS	Chalk-duster, PPT	Book, PPT
2.	19.11.26	Thursday	ANDROGENS AND ANABOLIC STEROIDS	Chalk-duster, PPT	Book, PPT
Grand total number of classes planned for the semester: 26					