



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: 3RD year

Session: 2026-27

Date of Commencement of Session: **3.8.2026**

Subject Name: **IDUSTRIAL PHARMACY I**

Subject code: **PT 515**

Faculty In charge: Dr.Paramita Dey

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

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Time/period Section A		12.40PM-1.40PM			
Section B		3.25-4.25PM			

Available Periods/week 01 Available periods in the total semester _____ Extra Classe No _____

Guest Lectures planned if any with justification _____

Scope & Objective of the course Idea of Dosage Form and its manufacturing and quality control

Reading materials:

A. Text Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
01.	The Theory and Practice of Industrial Pharmacy	Leon Lachman & H. Liberman	3rd	Varghese Publishing House, Bombay	Own book	.

Daily Teaching Schedule for UNIT-IV

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1	4.8.2026	Tuesday	Definition, types, Advantages of Parenteral Preparation	Power point presentation	The Theory and Practice of Industrial Pharmacy
2	11.8.2026	Tuesday	Preformulation factor and essential requirement & Vehicle of Parenteral Preparation	Power point presentation	The Theory and Practice of Industrial Pharmacy
3	18.8.2026	Tuesday	Importance of Isotonicity, Preservatives, Buffering Agents etc	Power point presentation	The Theory and Practice of Industrial Pharmacy
4	25.8.2026	Tuesday	Glass as Containers for parenteral preparation and its evaluation	Power point presentation	The Theory and Practice of Industrial Pharmacy
5	1.9.2026	Tuesday	Aseptic Condition and production facility of Parenteral preparation	Power point presentation	The Theory and Practice of Industrial Pharmacy
6	8.9.2026	Tuesday	Sterile Powder, SVP & LVP, Lyophilised powder	Power point presentation	The Theory and Practice of Industrial Pharmacy
7	15.9.2026	Tuesday	Filling & sealing of Ampoule & Vials, Infusion Fluid	Power point presentation	The Theory and Practice of Industrial Pharmacy
8	22.9.2026	Tuesday	Quality Control Tests of Parenteral	Power point presentation	The Theory and Practice of Industrial Pharmacy

9	29.9.2026	Tuesday	Introduction and formulation consideration of Ophthalmic Preparation	Power point presentation	The Theory and Practice of Industrial Pharmacy
10	6.10.2026	Tuesday	Formulation of Eye-drop-preparation & ingredients	Power point presentation	The Theory and Practice of Industrial Pharmacy
11	13.10.2026	Tuesday	Formulation of Eye-lotion preparation & ingredients	Power point presentation	The Theory and Practice of Industrial Pharmacy
12	27.10.2026	Tuesday	Formulation of Eye-ointment preparation & ingredients	Power point presentation	The Theory and Practice of Industrial Pharmacy
13	3.11.2026	Tuesday	Material for packaging Pharm. product	Power point presentation	The Theory and Practice of Industrial Pharmacy
14	10.11.2026	Tuesday	Legal & official requirement for Container	Power point presentation	The Theory and Practice of Industrial Pharmacy
15	17.11.2026	Tuesday	Stability aspect of Packaging material & Quality Control	Power point presentation	The Theory and Practice of Industrial Pharmacy