



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

Proposed Lesson Plan

Class: B Pharm 7th Sem

Session: 2026-27

Date of Commencement of Session: 30/7/2026

Subject Name: Industrial Pharmacy II

Subject code: PT 716A

Faculty In charge: Dr Anandamoy Rudra

Date of Commencement of Class Work in the subject	Last Date of Class Work	No. of Holidays	No. of Working Days	CA1	CA2	CA3	CA4	Continuous mode	Date of Theory Examination	Date of Practical examination & Viva
30/7/2026	27/11/2026	19	68	1 st -3 rd Sep, 2026	28 th to 30 th Oct, 2026	17 th - 21 st Nov, 2026	17 th - 21 st Nov, 2026	Offline	4 th to 19 th Dec, 2026	NA

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

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Time/period Section A	9:40 AM-10:40 AM	-	-	10:40 AM-11:40 AM	-
Section B	11:40 AM-12:40 PM	-	-	11:40 AM-12:40 PM	-

Available Periods/week 2 Available periods in the total semester 27 Extra

Classes NA

Guest Lectures planned if any with justification NA

Scope & Objective of the course: Based on three areas of learning: knowledge, skills & attitude

Reading materials:

A. Text Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No
1	Industrial Pharmacy II	D.K. Tripathi	1 st	PharmaMed Press, Hyderabad	10842	R-7F
2	Industrial Pharmacy II	N.K.Jain	1 st	Vallabh Prakashan, Delhi	9871	R-6D

B. Reference Books

Sl. No.	Name of the Text Book(s)	Author	Edition	Publisher	Accession No.	Rack No

C. Journals / Website/Any other resources

Sl. No.	Name of the journal (s)/website/others	Source	Vol. no.	Month & Year
1	https://www.ich.org	-	-	-
2	https://cdsco.gov.in	-	-	-
3	https://nrdcindia.com	-	-	-

Daily Teaching Schedule for UNIT-I

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

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1	30/7/26	Thursday	Introduction: ICH	PowerPoint presentation	C-1
2	3/8/26	Monday	ICH guidelines	PowerPoint presentation	C-1
3	6/8/26	Thursday	ICH Harmonisation and guidelines	PowerPoint presentation	C-1
4	10/8/26	Monday	CTD and eCTD	PowerPoint presentation	C-1
5	13/8/26	Thursday	ICH and regulatory agencies	PowerPoint presentation	C-1
6	17/8/26	Monday	Quality risk management-QRM	PowerPoint presentation	C-1
7	20/8/24	Thursday	Quality risk management-QRM	PowerPoint presentation	C-1
8	24/8/26	Monday	Quality system management-QSM	PowerPoint presentation	C-1
9	27/8/26	Thursday	Quality system management-QSM	PowerPoint presentation	C-1
10	31/8/26	Monday	WHO guidelines on Transfer of Technology : Organization	PowerPoint presentation	A-1 & A-2
11	3/9/26	Thursday	Transfer of Technology: R & D to Production processing transfer	PowerPoint presentation	A-1 & A-2
12	7/9/26	Monday	WHO guidelines on Analytical method transfer	PowerPoint presentation	A-1 & A-2
13	10/9/26	Thursday	Quality by design (QbD), OOS & Change Control	PowerPoint presentation	A-1 & A-2
14	21/9/26	Monday	Granularity of ToT process (API, excipients, cleaning & packaging)	PowerPoint presentation	A-1 & A-2
15	24/9/26	Thursday	Granularity of ToT process (API, excipients, cleaning & packaging)	PowerPoint presentation	A-1 & A-2
16	28/9/26	Monday	Technology transfer protocol	PowerPoint presentation	A-1 & A-2
17	1/10/26	Thursday	TOT agencies in India	PowerPoint presentatio	A-1 & A-2
18	5/10/26	Monday	TOT agencies in India	PowerPoint presentation	A-1 & A-2
19	8/10/26	Thursday	Techno-Commercial: NRDC		A-1 & A-2
20	12/10/26	Monday	Commercialization: practical aspects, case studies	PowerPoint presentation	A-1 & A-2
21	29/10/26	Thursday	Legal issues: Agreement & licensing on TOT	PowerPoint presentation	A-1 & A-2

Daily Teaching Schedule for UNIT-III

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

Daily Teaching Schedule for UNIT-IV

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1	2/11/26	Monday	TQM & Six sigma concept	PowerPoint presentation	A-1 & A-2
2	5/11/26	Thursday	TQM & Six sigma concept	PowerPoint presentation	A-1 & A-2
3	16/11/26	Monday	GLP: Good Laboratory Practice	PowerPoint presentation	A-1 & A-2

Daily Teaching Schedule for UNIT-V

Sl. No.	Date	Day	Title to be covered	Teaching Pedagogy / T.L.P.	Suggested Knowledge Resources
1	19/11/26	Thursday	Indian regulatory requirements: CDSCO	PowerPoint presentation	C-2
2	23/11/26	Monday	Out of Specification (OOS) and Change Control (CC)	PowerPoint presentation	C-2
3	26/11/26	Thursday	Indian regulatory requirements: COPP	PowerPoint presentation	A-1 & A-2

Grand total number of classes planned for the semester