



**DR. B. C. ROY COLLEGE OF PHARMACY & AHS, DURGAPUR
(NBA Accredited for UG Pharmacy Program)**

FACULTY: RITUPARNA CHAKI GHOSH

PROGRAM: B. PHARM

Course Code: PT616

Course Name: BIOPHARMACEUTICS AND PHARMACOKINETICS

SYLLABUS LINK: [CLICK HERE](#)

Suggested Books for the Course (with links):

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1.	<i>Applied Biopharmaceutics and Pharmacokinetics</i>	<i>Leon Shargel Susanna Wu-Pong Andrew B.C. Yu</i>	
2.	<i>Biopharmaceutics and Pharmacokinetics-A Treatise</i>	<i>D.M.Brahmankar and Sunil B.Jaiswal</i>	
3.	<i>Biopharmaceutics and Clinical Pharmacokinetics</i>	<i>Milo Gibaldi.</i>	
4.	<i>Biopharmaceutics and Pharmacokinetics</i>	<i>Robert F Notari</i>	

Supplementary Materials for Reference and Self Study:

Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Powerpoint Presentation Link	Supplementary Notes / Resources
08/04/2021	UNIT I	<i>Introduction to the subject</i>	CLICK HERE	CLICK HERE	DRUG DELIVERY AND ACTION VIDEO
13/04/2021	UNIT I	<i>Mechanisms of drug absorption through GIT</i>	CLICK HERE	CLICK HERE	GIT VIDEO LINK OF DRUG



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					ABSORPTION
20/04/2021	UNIT I	Mechanisms of drug absorption through GIT: Passive Diffusion	CLICK HERE	CLICK HERE	VIDEO 1 CLICK HERE
27/04/2021	UNIT I	Mechanisms of drug absorption through GIT	CLICK HERE	CLICK HERE	CLICK HERE CLICK HERE CLICK HERE
04/05/2021	UNIT I	Factors influencing drug absorption through GIT	CLICK HERE	CLICK HERE	
06/05/2021	UNIT I	CONCEPTS OF DRUG DISSOLUTION	CLICK HERE	CLICK HERE	
11/05/2021	UNIT 1	Physico chemical Factors affecting drug absorption	CLICK HERE	CLICK HERE	
13/05/2021	UNIT 1	Physico chemical Factors affecting drug absorption	CLICK HERE	CLICK HERE	
18/05/2021	UNIT 1	Dosage form Factors affecting drug absorption	CLICK HERE	CLICK HERE	
20/05/2021	UNIT 1	Dosage form Factors affecting drug absorption	CLICK HERE	CLICK HERE	
25/05/2021	UNIT 1	Physiological Factors affecting drug absorption	CLICK HERE	CLICK HERE	
01/06/2021	UNIT 1	Physiological Factors affecting drug absorption	CLICK HERE	CLICK HERE	
03/06/2021	UNIT 1	DRUG	CLICK	CLICK	



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		<i>DISTRIBUTION</i>	HERE	HERE	
08/06/2021	UNIT 1	<i>DRUG DISTRIBUTION</i>	CLICK HERE	CLICK HERE	
10/06/2021	UNIT I	<i>DRUG DISTRIBUTION</i>	CLICK HERE	CLICK HERE	
15/06/2021	UNIT 1	<i>PROTEIN BINDING</i>	CLICK HERE	CLICK HERE	
06/07/2021	UNIT 1	<i>PROTEIN BINDING</i>	CLICK HERE	CLICK HERE	
08/07/2021	UNIT III	<i>Pharmacokinetic modelling</i>	CLICK HERE	CLICK HERE	
17/07/2021	UNIT III	<i>Pharmacokinetic modelling</i>	click here	CLICK HERE	
20/07/2021	UNIT III	<i>Pharmacokinetic modelling</i>	CLICK HERE	CLICK HERE	
24/07/2021	UNIT III	<i>Pharmacokinetic modelling</i>	CLICK HERE	CLICK HERE	PHARMACOKINETICS SUMS
	UNIT V	<i>Non-linear pharmacokinetics</i>		CLICK HERE	
27/07/2021	UNIT IV	<i>Multi-compartment modelling</i>	CLICK HERE	CLICK HERE	
31/07/2021	UNIT IV	<i>MULTIPLE DOSING</i>	CLICK HERE	CLICK HERE	