



FACULTY: ABHIK SI

PROGRAM: B. PHARM

Course Code: PT619

Course Name: PHARMACEUTICAL BIOTECHNOLOGY

SYLLABUS LINK: [LINK](#)

Suggested Books for the Course (with links):

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1	PHARMACEUTICAL BIOTECHNOLOGY	ASHUTOSH KAR	LINK
2	HANDBOOK OF BIOTECHNOLOGY	COX	LINK

Supplementary Materials for Reference and Self Study:

Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Powerpoint Presentation Link	Supplementary Notes / Resources
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16.04.21		INTRODUCTI ON	<u>YOUTUBE</u>	<u>PPT</u>	
23.04.21	2	PLASMID	<u>YOU TUBE</u>	<u>PPT</u>	<u>PLASMID</u>
24.04.21	2	DNA MOLECULE	<u>YOUTUE</u>	<u>PPT</u>	
30.4.21	2	RESTRICTION ENZYME	<u>youtube</u>	<u>PPT</u>	
07.05.21		Nomenclature of R.E	<u>YOU TUBE</u>	<u>PPT</u>	
8.5.21	2	Function of RE	<u>YOU TUBE</u>	<u>PPT</u>	
15.5.21	2	CLONING VECTOR	<u>YOUTUBE</u>	<u>PPT</u>	
21.05.21	2	pBR322	<u>youtube</u>	<u>PPT</u>	
22.05.21	2	Screening of r-Plasmid	<u>youtube</u>	<u>ppt</u>	

28.05.21	2	Phage vector	youtube	PPT	
29.05.21	2	LAMBDA VECTOR	youtube	PPT	
04.06.21	2	Ti plasmid	youtube	PPT	
05.06.21	2	GENOMIC DNA LIBRARY	youtube	PPT	
18.06.21	2	cDNA library PCR	youtube	PPT- cDNA PPT- PCR	
19.06.21	4	SOUTHERN BLOTTING	youtube	PPT-PCR-2 PPT SOTHERN	
08.07.21	4	BACTERIAL GENETICS	YOUTUBE	PPT-1 PPT-2	IMMUNOLOGY
09.07.21	4	TRANSDUCTION	YOU TUBE	ELISA	
15.07.21		ELISA	YOUTUBE	PPT	
16.07.21		WESTERN BLOTTING	YOUTUBE	PPT	

22.07.21		MUTATION	<u>YOUTUBE</u>	<u>MUTATION</u>	
29.7.21		MISCELLANEOUS	<u>YOUTUBE</u>	<u>BIOSENSOR</u> <u>PROTEIN ENGG</u> <u>ENZYME PRODUCTION</u> <u>PENICILLIN+4</u> <u>HUMULIN</u>	