



VIDEO & SUPPLEMENTARY MATERIAL POSTING

[FACULTY: Dr. Parthasarathi Panda \(PSP\)](#)

PROGRAM: B. PHARM.

AY 2021-22 (ODD SEMESTER)

Course Code: PT-101

Course Name: *Pharmaceutical Analysis (Theory)*

Suggested Books for the Course (with links):

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1.	Vogel's Textbook of Quantitative Analysis, 5th Ed.	GH Jeffery, J Bassett, J Mendham, RC Denney	CLICK HERE
2.	Pharmaceutical Drug Analysis, 2nd Ed.	AshutoshKar	CLICK HERE
3.	Pharmaceutical Analysis, Volume - I	AV Kasture, KR Mahadik, SG Wadokar HN More	CLICK HERE

(add more rows if needed)

Supplementary Materials for Reference and Self Study: *(add more rows if needed)*



Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Powerpoint Presentation Link	Supplementary Notes / Resources	Remarks, if any
23-09-2021	I	Introduction to Pharm. Analysis	Youtube Link	PPT	NOTES	
22-10-2021	I	Different Techniques used in Pharm Anal	Youtube Link	PPT	NOTES	
27-10-2021	I	Different Techniques used in Pharm Anal	Youtube Link	PPT	NOTES	
29-10-2021	I	Methods of Expressing Concentration	Youtube Link	PPT	NOTES	
03-11-2021	I	Fundamentals of volumetric Analysis	Youtube Link	PPT	NOTES	
12-11-2021	I	Primary and Secondary Standard	Youtube Link	PPT	NOTES	
18-11-2021	I	Errors, Accuracy, Precision, Significant Figures	Youtube Link	PPT	NOTES	
25-11-2021	I	Pharmacopoeia	Youtube Link	PPT	NOTES	



Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Powerpoint Presentatio n Link	Supplemen tary Notes / Resources	Remark s, if any
02-12-21	I	Sources of impurities in medicinal agents, and limit tests	Youtube Link	PPT	NOTES	
11-12-21	II	Acid base Titration- fundamentals	Youtube Link	PPT	NOTES 1 NOTES 2	
16-12-21	II	Acid base Titration- Theory of indicators, classification, Titration curve and its applications	Youtube Link	PPT	NOTES 1 NOTES 2	
23-12-21	III	Precipitation Titration- Introduction, Solubility Product	Youtube Link	PPT	NOTES	
06-01-22	III	Precipitation Titration- Different methods, Titration Curves	Youtube Link	PPT	NOTES	
07-01-22	III	Diazotization Titration- Introduction	Youtube Link	PPT	NOTES	



Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Powerpoint Presentatio n Link	Supplement ary Notes / Resources	Remark s, if any
13-01-22	III	Diazotization Titration- Reaction mechanism, end point detection, classification, methods, applications	Youtube Link	PPT	NOTES	
20-01-22	V	Electrochemical methods of analysis- Basic concepts	Youtube Link	PPT	NOTES	
21-01-22	V	Conductometry	Youtube Link	PPT	NOTES	
27-01-22	V	Potentiometry - Electrochemical cell, construction and working of reference	Youtube Link	PPT	NOTES	
28-01-22	V	Potentiometric Titration- Principle, Instrumentation, methods & applications.	Youtube Link	PPT	NOTES	
03-02-22	V	Polarography - Principle, Ilkovic equation,	Youtube Link	PPT	NOTES	



04-02-22	V	Polarography - construction and working of dropping mercury electrode and rotating platinum electrode, applications	Youtube Link	PPT	NOTES	
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