



PES MODERN COLLEGE OF PHARMACY
(NBA Accredited) (FOR LADIES)



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Government of Maharashtra No. TEM/2004(235/04) TE-1, Pharmacy Council of India (32-347/2012-PCI),
Permanently affiliated to Savitribai Phule Pune University, ID No. PU/PN/Pharmacy/200/2004

PARENT SOCIETY :- PROGRESSIVE EDUCATION SOCIETY

Prof. Dr. S. N. Dhole
M. Pharm., Ph. D.
Principal

Prof. Dr. G. R. Ekbote,
(M.S., M.N.A.M.S.) Chairman,
Business Council P.E. Society, Pune

Innovations by faculty

Lectures recorded by faculty and uploaded on YouTube

Sr. No.	Name of Faculty	Name of Subject	Title of Video	Youtube Link
1.	Dr. Ms. V. S. Tambe	Pharmaceutical Analysis	Tof-ion cyclotron	https://www.youtube.com/watch?v=2cyMqTmkxYE&t=21s
		Pharmaceutical Analysis	Quadrupole, single and double focusing mass analyzers	https://www.youtube.com/watch?v=SNZGQRop-A4&t=21s
		Pharmaceutical Analysis	Spin-spin splitting	https://www.youtube.com/watch?v=RBmnkhduMZs&t=21s
		Pharmaceutical Analysis	IR spectroscopy introduction	https://www.youtube.com/watch?v=2RH7fIC-xrM
		Pharmaceutical Analysis	Deviations from Beers Lamberts law	https://www.youtube.com/watch?v=euGonmesFMg&t=129s
		Pharmaceutical Analysis	Sample Handling Techniques used in IR	https://www.youtube.com/watch?v=Gf6_GEPDQFg&t=713s
		Pharmaceutical Analysis	Factors affecting IR absorption frequency	https://www.youtube.com/watch?v=SFumYTr0OA0&t=467s
2.	Dr. N. S. Kulkarni	Biopharmaceutics and Pharmacokinetics	Factors affecting Drug Absorption	https://youtu.be/iIZoz14ecXE
		Biopharmaceutics and Pharmacokinetics	Drug Absorption ph, partition hypothesis, pka of drug lipohilicity	https://youtu.be/yBTVhQiedYQ
		Biopharmaceutics and Pharmacokinetics	Pharmacokinetics technical factors affecting drug absorption	https://youtu.be/4kYMdoJcDGY
		Biopharmaceutics and Pharmacokinetics	Introduction to Metabolism of Drug Part I	https://youtu.be/KFfv2wKY7Mg
			Factors affecting Metabolism of Drug Biological	https://youtu.be/DvGAYgT4NUU

		Biopharmaceutics and Pharmacokinetics	Factors, Bioactivation	
			Factors Affecting Metabolism of Drug Induction and Inhibition	https://youtu.be/RoORF_XnT CI
			Solubility	https://youtu.be/jEjlWL1p8uU
3.	Dr. Ms. S. D. More	Physical Pharmaceutics	Coarse dispersion	https://youtu.be/nqCBe18QqPk
		Physical Pharmaceutics	Solid states	https://youtu.be/hnPQJzt62Fs
		Physical Pharmaceutics	Solubility	https://youtu.be/ejZ_u66NvJ4
		Physical Pharmaceutics	Factors affecting solubility	https://youtu.be/-FxmcGLy1MY
4.	Dr. Ms. M. C. Upadhye	Herbal Drug Technology	Neutraceuticals 1	https://youtu.be/LqlW_z9bKes
		Herbal Drug Technology	Neutraceuticals 2	https://youtu.be/77uCrVEyGu4
		Herbal Drug Technology	Neutraceuticals 3	https://youtu.be/5WrpoxBkn3M
		Herbal Drug Technology	Pharmaceutical exipients	https://youtu.be/ePQR61tjqcY
		Herbal Drug Technology	GACP guidelines 1	https://youtu.be/nSZibuGGTkQ
		Herbal Drug Technology	GACP guidelines 2	https://youtu.be/30pF123Jj_s
		Herbal Drug Technology	Organic farming	https://youtu.be/KJ5Yxcb6rYs
		Herbal Drug Technology	Chromatographic methods for characterization	https://youtu.be/xw7QeSHcNSU
		Herbal Drug Technology	MTT and Brine shrimp assay	https://youtu.be/r2YmqTHIAGs
5.	Mr. H. P. Alhat	Computer application in Pharmacy	Importance of Computers in filed of Pharmacy	https://youtu.be/bFczeW8QiCs
			Computers as Data analysis in Preclinical Development	https://youtu.be/MNGPIEEy310
6.	Mr. R. R. Chanshetti	Pharmacology-V	Introduction on subject computer Application in Pharmacy	https://youtu.be/pcWY1B10u8U
		Pharmacology-V	Clinical trial	https://youtu.be/GsriCGfycRA

		Pharmacology-V, Pharmacy pract	Medication compliance and non compliance-1	https://youtu.be/mKnmn538Ls8
		Pharmacy practice	Medication compliance and non compliance-2	https://youtu.be/T04QIdYYPmY
		Pharmacology-III	Drugs for peptic ulcer therapy	https://youtu.be/5QJ3-NLSRDw
		Pharmacology-IV	Drugs for GIT	https://youtu.be/Lk6B8yrrNMg
		Pharmacology-IV	Chemotherapy	https://youtu.be/rU_yBrspuvI
		Pharmacology-IV	Antibiotics Mechanism	https://youtu.be/cJfIIP2G1i8
		Pharmacology-IV	Antibiotic dosing	https://youtu.be/DV4ulKqgBiQ
		Practice school	Glucometer: glucose estimation: knowledge and skill	https://youtu.be/aj32iYuDIcM
		Practice school	Handling of experimental animals : skills	https://youtu.be/XpYhanGkgIc
		Practice school	Route of drug administration	https://youtu.be/Eb3Mq_OtNco
		Human anatomy and physiology I	Joint articulation	https://youtu.be/RkxatFRQaF0
			Bones and skeleton	https://youtu.be/mlcy-ZxvRus
			Skeleton muscle contraction 2	https://youtu.be/MJ7zqFZO8e8
			Skeleton muscle 1	https://youtu.be/Xvfyw0xb4es
			Neuromuscular J smell and taste	https://youtu.be/iMphhREL7dl
7.	Dr. Ms. R. L. Mhetre	Sterile Products	Leakage test	https://youtu.be/bMeIujMrAYs
		Sterile Products	Water for Injection	https://youtu.be/bMeIujMrAYs
8.	Ms. V. A. Warad	Pharmaceutical Microbiology Sem III	Sterilization indicators	https://www.youtube.com/watch?v=gU3-Us0DXmA
		Biochemistry	Enzyme kinetics	https://www.youtube.com/watch?v=EbHMc65dvaM
		Pharmaceutical Microbiology Sem III	Morphology of bacteria	https://www.youtube.com/watch?v=mf8e2s6OR5c
		Pharmaceutical Microbiology Sem III	Plasmid	https://www.youtube.com/watch?v=fRRHct7yAzo

		Pharmaceutical Microbiology Sem III	Antibody structure	https://www.youtube.com/watch?v=ePo1J6_IZ4U
9.	Ms. D. R. Kad	Pharmaceutical Analysis	Validation	https://youtu.be/-jYQvMMojp4
		Regulatory Affairs	Registration of Biologics	https://www.youtube.com/watch?v=dSs7MKJ5MkE
		Pharmaceutical organic chemistry I	Carboxylic acids	https://www.youtube.com/watch?v=fsfHBOyqKAc
		Pharmaceutical organic chemistry I	Aldehyde and ketones	om/file/d/1HG6Z1_P6ZrriLuB9Cii6g7t76-0fKwko/view?usp=drive_web&authuser=0
		Pharmaceutical organic chemistry I	Structure and uses	https://www.youtube.com/watch?v=QvM7LT6vZ54
		Modern Pharmaceutical Analytical Techniques	Fluorimetry	https://www.youtube.com/watch?v=CkcfQSzmeks
10.	Dr. Ms. P. B. Kothawade	Pharmaceutical Biochemistry	TCA cycle	https://youtu.be/JgZCnz619rY
		Pharmaceutical Biochemistry	Glycolysis	https://youtu.be/d_EJQ-gM9j8
		Pharmaceutical Biochemistry	Gluconeogenesis	https://youtu.be/ANsq9DW1sUc
		Pharmaceutical Biochemistry	Glycogenesis and glycogenolysis	https://youtu.be/0KvXpGPNBtM
		Pharmaceutical Biochemistry	HMP shunt pathway	https://youtu.be/jKM251uHc94
		Pharmaceutical Analysis I	Non aqueous titration	https://youtu.be/YAP0h0Ehgxk
		Pharmaceutical Analysis I	pH and Potentiometry	https://youtu.be/fxkzIoNc2IM
11.	Ms. R. S. Aher	Pharmaceutical quality Assurance (VI)	Overview of QSEM Guidelines	https://youtu.be/aHKSGEFavxk
		Pharmaceutical quality Assurance (VI)	Analytical method validation Q2R1 Guideline	https://youtu.be/qCAc4rZXS58
12.	Ms. B. S. Parande	Industrial Pharmacy-1, Practice School	Demonstration of Extrusion-Spheronization process	https://youtu.be/RAQjcX2wZro

		Industrial Pharmacy-1	Preformulation-crystallinity and Polymorphism	https://youtu.be/aKXOfqGa5v0
		Industrial Pharmacy-1	Preformulation-Bulk Properties and Solubility Analysis	https://youtu.be/MMzV4OhHZHQ
		Industrial Pharmacy-1	Preformulation-Stability studies, Analytical Methods used to study physicochemical properties	https://youtu.be/9yIj5fUo9Sc
13.	Ms. C. C. Dongaonkar	Practice school – QCSH	Preparation of Gel	https://youtu.be/dp9_a_PUAAQ
		Practice school – QCSH	Preparation of Herbal Emulsion	https://youtu.be/EK9GkQ1AzeW
		Practice school – QCSH	Preparation of Herbal Emulgel	https://youtu.be/05pHqiJkinY
14.	Ms. A. S. Shinde	PC-II	Heterocyclics	https://www.youtube.com/watch?v=VhrgSjNJWWA&t=16s
		PC-II	Enzymes	https://www.youtube.com/watch?v=c8ZgaIfiUZs&t=269s
		PC-II	Pathology of blood and urine	https://www.youtube.com/watch?v=8xxZtwIM7WY&t=5s
		PC-II	Vitamins and co-enzymes	https://www.youtube.com/watch?v=uTyqAOio8MI&t=40s
		PC-II	Nomenclature of heterocyclics	https://www.youtube.com/watch?v=IRRM78LjMKQ&t=818s
15.	Dr. M. K. Munde	Medicinal Chemistry	Antipsychotics classification	https://www.youtube.com/watch?v=0MdGDOOn8CKM
16.	Ms. S. J. Mankar	Pharmacology	Sulphonamides	https://youtu.be/K5KQO0MFEv4
17.	Ms. M. H. Tapkir	Pharmacy Practice school	Lique solid compact drug delivery system	https://youtu.be/UwBuXwVyVsU
		Pharmaceutics-I	Simple syrup	https://youtu.be/3FZV0TP6yQs
18.	Ms. P. G. Kakde	Pharmacology	Study of antidiuretic activity in rat	https://youtu.be/BxpuWrfbxwI
		Pharmacology	Study of muscle relaxant property of drug by rota rod apparatus	https://youtu.be/98b997Xh6Oc
19.		Biopharmaceutics and	Introduction to Biopharmaceutics	https://www.youtube.com/watch?v=pZ_L2lk1rtQ&t=234s

	Ms. G. S. Mehetre	Pharmacokinetics (SEM-VI)		
		Biopharmaceutics and Pharmacokinetics (SEM-VI)	Mechanism of Drug Absorption	https://www.youtube.com/watch?v=RJDrSqB-vCE
20.	Ms. P. P. Taru	Pharmacognocny & Phytochemistry	Unit I History of Pharmacognocny	https://youtu.be/9-4f5A-XkD4
		Pharmacognocny & Phytochemistry	Medicinal systems	https://youtu.be/zv2KXA6VV1E
		Pharmacognocny & Phytochemistry	Organized and unorganized drug	https://youtu.be/WsREWyBbBH0
		Pharmacognocny & Phytochemistry	Adulteration of crude drug	https://youtu.be/sQD8u8sC2Ss
		Pharmacognocny & Phytochemistry	Evaluation of crude drugs	https://youtu.be/KIBCjH9nOmU
		Pharmacognocny & Phytochemistry	Microscopic evaluation parameters	https://youtu.be/iOPIvVAFdLA
		Pharmacognocny & Phytochemistry	Plant tissue culture	https://youtu.be/xoBp_9mk2OA
21.	Mrs. S. K. Patil	Industrial Pharmacy II	Technology transfer protocol	https://www.youtube.com/watch?v=25XjUDjcwtc&t=77s
		Industrial Pharmacy II	Pilot plant & scale up considerations for liquid orals	https://www.youtube.com/watch?v=3Bcsaoe0Cq4&t=129s
22.	Mr. G. R. Sakhare	Pharmacolgy II	Histamine and antihistaminics	https://youtu.be/WKoYF7Q6ryI
		Pharmacolgy II	Antimalarial drugs	https://youtu.be/YLM2tjutQ14
23.	Ms. D. R. Raut	Pharmacognosy and phytochemistry II	Shikimic acid pathway description part 2	https://youtu.be/0OCX9vhmVJM
			Acetate Malonate pathway	https://youtu.be/hlWQ6iSdook
			Shikimic Acid Pathway	https://youtu.be/T6WsT5u0qEY

PPT content prepared by faculty and uploaded on Slideshare

Sr. No.	Name of Faculty	Name of Subject	Title of PPT	Slideshare Link
1.	Dr. V. S. Tambe	Pharmaceutical Analysis	Factors affecting IR absorption frequency	https://www.slideshare.net/VrushaliTambe2/factors-affecting-ir-absorption-frequency
		Pharmaceutical Analysis	Difference between HPLC and UPLC	https://www.slideshare.net/VrushaliTambe2/difference-between-hplc-and-uplc
		Pharmaceutical Analysis	Difference between SEM and TEM	https://www.slideshare.net/VrushaliTambe2/difference-between-sem-and-tem
		Pharmaceutical Analysis	Sample introduction techniques in gas chromatography	https://www.slideshare.net/VrushaliTambe2/sample-introduction-techniques-in-gas-chromatography
		Pharmaceutical Analysis	Detectors used in gas chromatography	https://www.slideshare.net/VrushaliTambe2/detectors-used-in-gas-chromatography
		Pharmaceutical Analysis	Comparison of sfc, gc and hplc	https://www.slideshare.net/VrushaliTambe2/comparison-of-sfc-gc-and-hplc
		Pharmaceutical Analysis	Comparison of ¹ H-NMR and ¹³ C-NMR	https://www.slideshare.net/VrushaliTambe2/comparison-of-1hnmr-and-13cnmr
		Pharmaceutical Analysis	Nuclear Magnetic Resonance (NMR)	https://www.slideshare.net/VrushaliTambe2/nuclear-magnetic-resonance-nmr-230970848
		Pharmaceutical Analysis	Factors affecting chemical shift	https://www.slideshare.net/VrushaliTambe2/factors-affecting-chemical-shift-231814554
		Pharmaceutical Analysis	Spin Spin Coupling	https://www.slideshare.net/VrushaliTambe2/spin-spin-coupling

		Pharmaceutical Analysis	Supercritical Fluid Chromatography	https://www.slideshare.net/VrushaliTambe2/supercritical-fluid-chromatography-234550118
		Pharmaceutical Analysis	MS/MS, Tandem Mass Spectrometry	https://www.slideshare.net/VrushaliTambe2/msms-tandem-mass-spectrometry-234589401
		Pharmaceutical Analysis	IR spectroscopy introduction	https://www.slideshare.net/VrushaliTambe2/1-ir-spectroscopy-introduction
		Pharmaceutical Analysis	Sample handling techniques used in IR	https://www.slideshare.net/VrushaliTambe2/3sample-handling-techniques-used-in-ir
		Pharmaceutical Analysis	Instrumentation IR Spectroscopy: Detectors	https://www.slideshare.net/VrushaliTambe2/instrumentation-ir-spectroscopy-detectors
		Pharmaceutical Analysis	Van deemter equation	https://www.slideshare.net/VrushaliTambe2/van-deemter-equation
		Pharmaceutical Analysis	Quantitation techniques used in chromatography	https://www.slideshare.net/VrushaliTambe2/quantitation-techniques-used-in-chromatography
		Pharmaceutical Analysis	System suitability testing	https://www.slideshare.net/VrushaliTambe2/system-suitability-testing
		Pharmaceutical Analysis	Stationary phases, tubings used in HPLC	https://www.slideshare.net/VrushaliTambe2/stationary-phases-tubings-used-in-hplc
		Pharmaceutical Analysis	Difference-in-Raman-spectroscopy-and-IR-spectroscopy	https://www.slideshare.net/VrushaliTambe2/difference-in-raman-spectroscopy-and-ir-spectroscopy
		Pharmaceutical Analysis	Deviations from Beers Lamberts law	https://www.slideshare.net/VrushaliTambe2/deviations-from-beers-law
2.	Dr. N. S. Kulkarni	Biopharmaceutics and Pharmacokinetic	Solubility	https://www.slideshare.net/nilshpcist/solubility-estimation
		Biopharmaceutics and Pharmacokinetic	Factors affecting Metabolism of Drug	https://www.slideshare.net/nilshpcist/factors-affecting-metabolism-of-drug

		Biopharmaceutics and Pharmacokinetic	Factors affecting Absorption of Drug iii	https://www.slideshare.net/nileshpcist/factors-affecting-drug-absorption-part-iii
		Biopharmaceutics and Pharmacokinetic	Factors affecting Absorption of Drug ii	https://www.slideshare.net/nileshpcist/factors-affecting-drug-absorption-part-ii
		Biopharmaceutics and Pharmacokinetic	Factors affecting metabolism of Drug	https://www.slideshare.net/nileshpcist/metabolism-part-i
		Biopharmaceutics and Pharmacokinetic	Factors affecting Metabolism of Drug	https://www.slideshare.net/nileshpcist/absorption-of-drug-250252731
3	Dr. S. D. More	Physical Pharmaceutics I and Physical Pharmaceutics II	Complexation	https://www.slideshare.net/natmish/comlexation-1724554833
			Surfactants	https://www.slideshare.net/natmish/surfactants-172448275
			Colloids	https://www.slideshare.net/natmish/colloids-17244738
			Flow properties	https://www.slideshare.net/natmish/flow_properties
4.	Dr. Ms. M. C. Upadhye	Natural Drug Technology (Sem VII)	Physical methods of characterization	https://www.slideshare.net/secret/xZwbHxF0kGQTs9
		Natural Drug Technology (Sem VII)	NDDS- herbal formulations	https://www.slideshare.net/secret/tymOiBv0x468jI
		Natural Drug Technology (Sem VII)	NDDS- approaches and potential in herbal drugs	https://www.slideshare.net/secret/3sN0NGrFDwfV3w
		Herbal Drug Technology (Sem VI)	Neutraceuticals	https://www.slideshare.net/secret/eImX1LUeHDphzI
		Herbal Drug Technology (Sem VI)	Neutraceuticals	https://www.slideshare.net/secret/MeQOHmmFTusqpb
		Herbal Drug Technology (Sem VI)	Neutraceuticals	https://www.slideshare.net/secret/BIUZQpDomqhNAB
		Herbal Drug Technology (Sem VI)	Biopyracy	https://www.slideshare.net/secret/2GUIAunEgisVJk
		Herbal Drug Technology (Sem VI)	CITES, DGFT	https://www.slideshare.net/secret/3ExQPTUN28yIVh

		Pharmacognosy and Phytochemistry II	Rauwolfia	https://www.slideshare.net/secret/nxJ8elkJXMB5ca
5.	Mr. H. P. Alhat	Pharmaceutcial Inorganic chemistry	Radiopharmaceuticals	https://www.slideshare.net/HemantAlhat1/radiopharmaceuticals-
		Pharmaceutcial Inorganic chemistry	Dental Agents	https://www.slideshare.net/HemantAlhat1/dental-products-
		Pharmaceutcial Inorganic chemistry	Gastrointestinal Agents	https://www.slideshare.net/HemantAlhat1/gastrointestinal-agents-
6.	Mr. R. R. Chanshetti	Pharmacology-IV	Hospital Pharmacy	https://www.slideshare.net/rameshchanshetti/hospital-pharmacy-ppt
		Pharmacology-IV	Patient Compliance	https://www.slideshare.net/secret/1mTjqtAu9S2Dd7
		Pharmacology-IV	Patient non-compliance	https://www.slideshare.net/secret/1mTjqtAu9S2Dd7
		Pharmacology-III	GIT Pharmacology	https://www.slideshare.net/secret/dfJJNJKTGdBvG
8.	Mr. M. K. Munde	Medicinal Chemistry	Antiinflammatory Agents	https://www.slideshare.net/rekhaamitbhalerao/antiinflammatory-agents-pptpdf
		Medicinal Chemistry	Seedative and Hypnotics	https://www.slideshare.net/rekhaamitbhalerao/seedative-and-hypnotics-pptpplx
9.	Ms. V. A. Warad	Pharmaceutical Microbiology	Structure of viruses	https://www.slideshare.net/vinayawarad/structure-of-viruses-250298893
		Pharmaceutical Microbiology	Nutritional requirements of bacteria	https://www.slideshare.net/vinayawarad/nutritional-requirements-of-bacteria-and-nutrient-media-2-copy-172095566
		Pharmaceutical Microbiology	Physical conditions required for cultivation of bacteria	https://www.slideshare.net/vinayawarad/physical-conditions-for-cultivation-of-bacteria-172094185
		Pharmaceutical Microbiology	Growth of bacteria	https://www.slideshare.net/vinayawarad/growth-of-bacteria-172092302
		Pharmaceutical Microbiology	Pure culture techniques	https://www.slideshare.net/vinayawarad/pure-culture-techniques-172090060

		Pharmaceutical Microbiology	Structure of viruses	https://www.slideshare.net/vinayawarad/structure-of-viruses-250298893
10.	Ms. R. A. Bhalerao	Medicinal Chemistry	Seedative and Hypnotics	https://www.slideshare.net/rekhaamitbhalerao/seedative-and-hypnotics-pptpptx
11.	Dr. Ms. P.B. Kothawade	Pharmaceutical Analysis I	Acid base Titration	https://www.slideshare.net/prajaktakothawade1/acid-base-titrationppt
		Pharmaceutical Analysis I	Potentiometry	https://www.slideshare.net/prajaktakothawade1/potentiometryppt
		Pharmaceutical Analysis I	Non aqs titration	https://www.slideshare.net/prajaktakothawade1/non-aqueous-titrationpptx-252641154
		Pharmaceutical Analysis I	Precipitation titration	https://www.slideshare.net/prajaktakothawade1/precipitation-titrationppt
		Pharmaceutical Analysis I	Basics of titration	https://www.slideshare.net/prajaktakothawade1/basics-titrationpptx
		Biochemistry	Amino Acids	https://www.slideshare.net/prajaktakothawade1/amino-acidsppt-252641267
		Biochemistry	Carbohydrates	https://www.slideshare.net/prajaktakothawade1/carbohydratesppt-252641283
		Biochemistry	TCA Cycle	https://www.slideshare.net/prajaktakothawade1/tca-cyclepptx-252641311
		Biochemistry	ENZYMES	https://www.slideshare.net/prajaktakothawade1/enzymespptx-252641319
		Biochemistry	Glycolysis	https://www.slideshare.net/prajaktakothawade1/glycolysispptx-252641343
12.	Ms. S. R. Chintamani	Human anatomy and physiology	Human anatomy and physiology	https://www.slideshare.net/SonaliRavindraChint/introduction-to-hap-250298850
		Pharmacology	Introduction to hap	https://www.slideshare.net/SonaliRavindraChint/principles-of-toxicology-250298883
		Human anatomy and physiology	Principles of toxicology	https://www.slideshare.net/SonaliRavindraChint/elementary-tissues

		Human anatomy and physiology	Elementary tissues	https://www.slideshare.net/SonaliRavindraChint/respiratory-system-250298947
		Human anatomy and physiology	Respiratory system	https://www.slideshare.net/SonaliRavindraChint/skeletal-system-250298951
		Human anatomy and physiology	Skeletal system	https://www.slideshare.net/SonaliRavindraChint/urinary-system-250298954
		Human anatomy and physiology	Urinary system	https://www.slideshare.net/SonaliRavindraChint/scope-of-anatomy-physiology-250298961
		Hospital and clinical pharmacy	Scope of anatomy and physiology	https://www.slideshare.net/SonaliRavindraChint/drug-distribution-system-in-hospitals
13.	Ms. B. S. Parande	Industrial Pharmacy-1	Preformulation	https://www.slideshare.net/BHAGYASHRIBHANAGE/preformulation-power-point-presentation?qid=342c2e65-34ce-4af6-a9b7-2db1465f4d93&v=&b=&from_search=34
		Industrial Pharmacy-1	Capsules	https://www.slideshare.net/BHAGYASHRIBHANAGE/capsules-250421938
		Industrial Pharmacy-1	ICH guidelines	https://www.slideshare.net/BHAGYASHRIBHANAGE/ich-guidelines-q1-q10#
		Industrial Pharmacy-1	Parenterals	https://www.slideshare.net/BHAGYASHRIBHANAGE/parenterals-250300954
		Industrial Pharmacy-1	Bioavailability and bioequivalence	https://www.slideshare.net/BHAGYASHRIBHANAGE/bioavailability-and-bioequivalence-250461462
		Industrial Pharmacy-1	Tablet	https://www.slideshare.net/BHAGYASHRIBHANAGE/tablet-252303314
		Pharmaceutical Regulatory Science	ANDA	https://www.slideshare.net/BHAGYASHRIBHANAGE/anda-abbreviated-newdrug-applicationpptx

		Pharmaceutical Regulatory Science	IND, NDA	https://www.slideshare.net/BHAGYASHRIBHANAGE/indppts
14.	Ms. C. C. Dongaonkar	Biostatistics and Research methodology	Unit I - Measures of Central Tendency	https://www.slideshare.net/chaitalidongaonkar/biostatistics-and-research-methodology-unit-i-measures-of-central-tendency-1mean?qid=70ad7ef7-34fb-4081-965e-ef2879b50d91&v=&b=&from_search=
			Basics of grouped data and mean	https://www.slideshare.net/chaitalidongaonkar/basics-of-grouped-data-and-meanppts
			Introduction and applications of biostatistics	Introduction and Applications of Biostatistics.pdf (slideshare.net)
			Median - Grouped and Ungrouped Data	Median - Grouped and Ungrouped Data.pdf (slideshare.net)
			Correlation-coefficient	https://www.slideshare.net/chaitalidongaonkar/correlation-coefficientpdf/265489828
			Frequency Distribution	Frequency Distribution.pdf (slideshare.net)
			Physical Pharmaceutics - I	States of Matter
		Practice School - QCSH	Herbal Emulgel	https://www.slideshare.net/chaitalidongaonkar/herbal-emulgelppts
		Pharmaceutical Jurisprudence	Drug and Magic Remedies Act	ps://www.slideshare.net/chaitalidongaonkar/drug-and-magic-remedies-act-1954ppts-252723686
		Pharmaceutical Jurisprudence	The Prevention of Cruelty to Animals Act 1960	https://www.slideshare.net/chaitalidongaonkar/the-prevention-of-cruelty-to-animals-act-1960pdf
		Industrial Pharmacy-II	Regulatory affairs Unit III	https://www.slideshare.net/chaitalidongaonkar/regulatory-affairsppts
			Unit I	Unit I IPIL.pdf (slideshare.net)

			Data presentation for fda submission	https://www.slideshare.net/slideshows/data-presentation-for-fda-submissionspdf/265489345
			Technology Development and Transfer	Technology Development and Transfer.pdf (slideshare.net)
15.	Dr. Ms. V. S. Vichare	Quality Management System	Six System Inspection Model	https://www.slideshare.net/VIJAYAVICHARE/six-system-inspection-modelpptx-252710222
		Biochemistry	Carbohydrates	https://www.slideshare.net/VIJAYAVICHARE/carbohydratespptx-252710343
16.	Mrs. S. K. Patil	Industrial Pharmacy II	Technology transfer Models	https://www.slideshare.net/sneha_pharmacist/technology-transfer-modelspptx
		Industrial Pharmacy II	Introduction of Platform technology	https://www.slideshare.net/sneha_pharmacist/introduction-to-platform-technologyppt
		Industrial Pharmacy II	Pilot plant and scale up considerations for solids	https://www.slideshare.net/sneha_pharmacist/pilot-plant-and-scale-up-considerations-for-solids
		Industrial Pharmacy II	Quality risk management - Technology development and transfer	www.slideshare.net/sneha_pharmacist/rquality-risk-management-technology-development-and-transfer
		Industrial Pharmacy II	Certificate of Pharmaceutical product (CoPP)	https://www.slideshare.net/sneha_pharmacist/certificate-of-pharmaceutical-productcoppptx
		Pharmaceutical Microbiology	Identification of bacteria (Staining & Imvic test)	https://www.slideshare.net/sneha_pharmacist/stainingpptx
			Sterilization	https://www.slideshare.net/sneha_pharmacist/sterilizationpptx-253041132
			Structure of bacteria and nutrition of microorganism	https://www.slideshare.net/sneha_pharmacist/structure-of-bacteria-and-nutrition-of-microorganismpptx
			Isolation and preservation methods	https://www.slideshare.net/sneha_pharmacist/isolation-and-preservationpptx
17.	Ms. G. S. Mehetre	Biopharmaceutics &	Introduction to biopharmaceutics & pharmacokinetics	https://www.slideshare.net/GitanjaliMehetre1/introduction-to-biopharmaceuticspptx

		Pharmacokinetics (Sem V)		
		Biopharmaceutics & Pharmacokinetics (Sem V)	Distribution of drug	https://www.slideshare.net/GitanjaliMehetre1/drugdistributionpptx
		Biopharmaceutics & Pharmacokinetics (Sem V)	Protein Drug Binding	https://www.slideshare.net/GitanjaliMehetre1/proteindrugbindingpptx
		Biopharmaceutics & Pharmacokinetics (Sem V)	Kinetics of Protein drug binding	https://www.slideshare.net/GitanjaliMehetre1/kinetics-of-protein-bindingpptx
		Biopharmaceutics & Pharmacokinetics (Sem V)	Metabolism of drug	https://www.slideshare.net/GitanjaliMehetre1/drugmetabolismpptx
		Biopharmaceutics & Pharmacokinetics (Sem V)	Excretion of Drug	https://www.slideshare.net/GitanjaliMehetre1/drugexcretionpptx
		Pharmaceutical Biotechnology (Sem VI)	Application of Biotechnology	https://www.slideshare.net/GitanjaliMehetre1/lecture-no-2pptx
		Industrial Pharmacy -II (Sem VII)	Pilot plant scale up technology	https://www.slideshare.net/GitanjaliMehetre1/pilotplantscaleup-techniques
18.	Ms. S. J. Mankar	Pharmacology	Sulphonamides	https://www.slideshare.net/SmitaMankar2/sulphonamidespptx
		Pharmacology	Asthma and COPD	https://www.slideshare.net/SmitaMankar2/asthma-and-copdpptx
		Pharmacology	Peptic Ulcer	https://www.slideshare.net/SmitaMankar2/peptic-ulcer-and-ibdppptx
19.	Ms. M. H. Tapkir	Pharmaceutics	Powder	https://www.slideshare.net/secret/jWovVOpBpbWdeR
		Biopharmaceutics & Pharmacokinetics (Sem V)	Distribution	https://www.slideshare.net/secret/HzKUZN57Gv9Cn0
		Pharmaceutical Jurisprudence	Medicinal and toilet preparation	https://www.slideshare.net/secret/yrE53yYwri2TVZ

		Biopharmaceutics & Pharmacokinetics (Sem V	BCS Classification	https://www.slideshare.net/secret/oJSxrLFyJ20IBj
20.	Ms P. G. Kakde	pharmacology	diuretics	https://www.slideshare.net/pallavikakade9/diuretics-1pptx
		pharmacology	clinical trial terminology	https://www.slideshare.net/pallavikakade9/clinical-trial-terminologypptx
		Human anatomy and physiology	cardiovascular system	https://www.slideshare.net/pallavikakade9/heart-250392119
		Human anatomy and physiology	special sense	https://www.slideshare.net/pallavikakade9/social-senses-1
		pharmacology	immunosuppressant and endocrine dysfunction	https://www.slideshare.net/pallavikakade9/immunosuppressant-and-endocrine-dysfunctionpptx
21.	Ms. M. G. Waykar	Pathophysiology	Meningitis	https://www.slideshare.net/monaliwaykar/meningitisppt-1pptx
		Pathophysiology (sem II)	syphilis-gonorrhoea	https://www.slideshare.net/monaliwaykar/syphilisgonorrhoea-1pptx
		Pharmaceutical Engineering (sem III)	Size reduction	https://www.slideshare.net/monaliwaykar/size-reduction-2-1pptx
		Pharmaceutics	Solubility enhancement methods	www.slideshare.net/monaliwaykar/methods-of-solubility-enhancements/edit?src=slideview&type=privacy
		Pharmaceutics	Dosage forms	https://www.slideshare.net/monaliwaykar/dosage-forms-172900747
		Pharmaceutics	Solubility	https://www.slideshare.net/monaliwaykar/solubility-ppt-172903318
22.	Mr. G. R. Sakhare	Pharmacology II	Nonsteroidal antiinflammatory drugs	https://www.slideshare.net/sankhan897/nonsteroidal-analgesic-drugs-and-antipyretic-drugs
		Pharmacology II	Antiamoebic drug	https://www.slideshare.net/sankhan897/antiamoebic-drugs-acting-on-amoeba-and-dysentery
23.	Ms. D. R. Kad		Flame Photometry	https://www.slideshare.net/mphkad/flame-photometrypptx-

		Instrumental methods of analysis		final-year-b-pharm-7th-sem-pci-pattern
			UV Spectroscopy	https://www.slideshare.net/mphkad/uv-spectroscopypptx-final-year-seventh-sem
24.	Dr. R. L. Mhetre		Calibration	https://www.slideshare.net/rakshamhetre/calibration-234582251
		Pharmaceutics	Defects in tablets coating	https://www.slideshare.net/rakshamhetre/defects-in-tablet-coating-172102580
		Sterile products	Total parenteral nutrition	https://www.slideshare.net/rakshamhetre/total-parenteral-nutrition-172098686
25.	Ms. Swapnali Pharande	Pharmaceutical microbiology	Introduction and classification of fungi	https://www.slideshare.net/slideshow/introduction-and-classification-of-fungi/265310501?from_search=0

Faculty created Google classroom links with passcode

Sr. No.	Name of Faculty	Name of Subject	Google Classroom Link	Passcode
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		Instrumental Methods of Analysis	https://classroom.google.com/c/MzE5ODA0MzUxNjQw https:	Imcroi
		Pharmaceutical Validation	https://classroom.google.com/c/MzU4Mzk0OTEzNzE0 https:/	5iiv7fd
		Modern Pharmaceutical Analytic	https://classroom.google.com/c/MjY4Njk2MjQwNjEz https://cl	xld4n4a
		Pharmaceutical Analysis-VI	https://classroom.google.com/c/MTY5NDY5Nzk0NTM2 http	y7lbo3z
		Pharmaceutical Analysis-V	https://classroom.google.com/c/MTAzMDQwNTI4NjI1 https://c	Ewvpekw
2.	Dr. Ms.V. S. Vichare	POC II (TH and PR), POC III (TH)	https://classroom.google.com/c/MTA0OTkzMzg2MDM0	t5ixli4
		PHARMACEUTICAL VALIDATION	https://classroom.google.com/c/MzU4Mzk0OTEzNzE0	5iiv7fd
3.	Mr. H. P. Alhat	Pharmaceutical Inorganic chemistry	https://classroom.google.com/c/MjY1OTQyMTk4NTM0/m/Mjg0NDYyMDU	af5kgfg
		Computer Application in Pharmacy	https://classroom.google.com/c/MjYyNTg5NjA5OTgy/m/MzY0NTM2OTkw	ucc55on
		Computer Application in Pharmacy	https://classroom.google.com/c/MjYyNTg5NjA5OTgy/m/MzYxMjUwMjAwMTkx/details	ucc55on
		Pharmaceutical Inorganic chemistry	https://classroom.google.com/u/1/c/NTg4ODQwMzMyNTU1	
		Medicinal chemistry I	https://classroom.google.com/u/1/c/NjA5MTgwMDYyMDg0	
		Computer Application in Pharmacy	https://classroom.google.com/c/MjYyNTg5NjA5OTgy/m/NDg4MDY4NjAx	ucc55on
4.	Mr. R. R. Chanshetty	Pharmacy Practice	https://classroom.google.com/u/1/c/MzgwNDY3NjUxMTIy	jzv2kw3

		Pharmacology-IV	https://classroom.google.com/u/1/c/NzAzNjgyODg5MzNa	5bvxdcz
			https://classroom.google.com/u/1/c/Mjc4MzAyMjM3OTI0	obsf35y
		Human Anatomy and Physiology-I,II	https://classroom.google.com/c/Ntg3NTcwOTI4ODM1	
5.	Dr. Ms. P. B. Kothawade	PA-I	https://classroom.google.com/c/MjYxOTg0MDAwOTA0?cjc=fn6xrsm	fn6xrsm
		BCP	https://classroom.google.com/c/MjYxOTg0MDAwOTA0?cjc=fn6xrsm	fn6xrsm
		PA-I	https://classroom.google.com/c/NDUwMjQ4NTc0NzU5?cjc=4aaoqg	4aaoqg
		BCP	https://classroom.google.com/c/NDUwMjQ4NTc0NzU5?cjc=4aaoqg	4aaoqg
6.	Ms. B. S. Parande	QAT	https://classroom.google.com/c/Mjc0MDU2MzkyMjAz?cjc=7ktgtiv	7ktgtiv
		Communication skills PR	https://classroom.google.com/c/NDQzODg2Mzg5NTM1?cjc=cvuifde	Cvuifde
		Communication skills	https://classroom.google.com/c/MzA3MDAyODcyNzEx?cjc=vjn5a6s	vjn5a6s
		Industrial Pharmacy-1	https://classroom.google.com/c/MzgZNTA0Nzk5OTAw?cjc=zpzfixp	Zpzfixp
7.	Ms. D. R. Kad	Regulatory Affairs	https://classroom.google.com/c/MjY5MDQ1NzM3Nzg0?cjc=erg2far	erg2far
		Pharmaceutical organic chemistry I	https://classroom.google.com/c/MzQ3NDk3MjA4MTA1?cjc=gkkez6o	gkkez6o
		Instrumental Methods of Analysis	https://classroom.google.com/c/Mzg0Mjg3ODA2NTAz?cjc=tgooqo4	tgooqo4
			https://classroom.google.com/c/NjE3MjgyODM3NTE3?cjc=oofvjw5	oofvjw5
		Pharmaceutical organic chemistry III	https://classroom.google.com/c/NDYzODI4MTU0OTAx?cjc=kkrochp	Kkrochp

		Modern Pharmaceutical Analytical Techniques	https://classroom.google.com/c/NDUxMjU4MDMwNTk4?cjc=j2be3uz	j2be3uz
		Pharmaceutical organic chemistry II	https://classroom.google.com/c/NTTE2NDk2NTU0OTQ1?cjc=bd2dflp	bd2dflp
8.	Ms. R. A. Bhalerao	Pharmacognosy and Phytochemistry-I	https://classroom.google.com/u/0/c/MTA3NTMwNzA0MDM5	
9.	Ms. C. C. Dongaonkar	Pharmaceutical Jurisprudence	https://classroom.google.com/c/NDDE1MDk2Mjk5OTE1?cjc=mibx3vw	mibx3vw
		Biostatistics and Research methodology	https://classroom.google.com/c/NDAwMji0ODQ4ODcx?cjc=ofxcvrl	Ofxcvrl
			https://classroom.google.com/u/2/c/NTkyNTU3NzYwMTYw	sn6gqpu
		Cosmetic Science	https://classroom.google.com/c/NDDE1MDk3MDY2MDQ0?cjc=z5gttpt	z5gttpt
		Industrial Pharmacy -II	https://classroom.google.com/u/2/c/NjE2MTE1MTEwNDU1	qtlhtr
10.	Dr. Ms. M. C. Upadhye	NDT	https://classroom.google.com/c/MTA3NTIxOTk2NDky?cjc=enjplbd	Enjplbd
		NPCR	https://classroom.google.com/c/MjUxODQ2NzkzMjMw?cjc=5t3mkwb	5t3mkwb
		Herbal drug technology	https://classroom.google.com/c/MjU1MDg5MDgyNTcz?cjc=lwjkg7i	lwjkg7i
		Herbal drug technology	https://classroom.google.com/c/NDY1MTk2NTc0NDA4?cjc=6iejgbd	6iejgbd
11.	Ms. R. S. Aher	PQA-I, QCQA	https://classroom.google.com/u/0/c/MjcxNDgyNjkwMTkx	
		ARC PQA-II,	https://classroom.google.com/u/0/c/MzU4NjQ2NjE1NjAz	
		Regulatory affairs	https://classroom.google.com/u/0/c/MzU4NjQ2NjE1NjAz	
		Quality assurance techniques	https://classroom.google.com/u/0/c/MjU4OTY1OTE1MDA1	
		Novel drug delivery system	https://classroom.google.com/u/0/c/MzgzNTA5NDE4MDUw	
		Quality assurance techniques	https://classroom.google.com/u/0/c/NDU2NDI0MjM4Mjcw	2yb3y6f

12.	Ms. S. K. Patil	Pharmaceutical Microbiology	https://classroom.google.com/c/N-Dk3NzQ0MjMyNTI3?cjc=2lpkul3	2lpkul3
		Pathophysiology	https://classroom.google.com/c/N-Dk0NTQyODU3Mzk2?cjc=g2ci6y5	g2ci6y5
		Physical Pharmaceutics II Practical	https://classroom.google.com/c/N-DUxMjU5ODQxNjU4?cjc=d7gocycyi	d7gocyi
		Regulatory affairs	https://classroom.google.com/c/N-DU2NDA2MTQ5MzM5?cjc=pi4dlkh	pi4dlkh
		Quality control and quality assurance	https://classroom.google.com/c/N-DQzODAxMzU4NDU2?cjc=lk134fz	lk134fz
		Computer-aided drug development, cosmetic and cosmeceuticals	https://classroom.google.com/c/M-zQ3MTU1OTE5NzYw?cjc=tg6w47x	tg6w47x
		Industrial Pharmacy II	https://classroom.google.com/c/M-zc4ODQzMzM4MjY1?cjc=bsty4go	bsty4go
		Introduction to constitution	https://classroom.google.com/c/M-jk1MDAzNjM5ODUy?cjc=rczrmdp	Rczrmdp
		Product development and technology transfer	https://classroom.google.com/c/M-jk1MDAzNjM5NjU4?cjc=cabykrz	Cabykrz
		Industrial Pharmacy II	https://classroom.google.com/c/N-TQ0MjA4MjQxMTE1	g6jkkgd
		Cosmetic science	https://classroom.google.com/c/N-TE2MzQyMjQ2MTcz?cjc=rkc67zk	rkc67zk
13.	Mr. M. K. Munde	Medicinal Chemistry-II	https://gobrunch.com/events/land/173736	173736
		Medicinal Chemistry-II	https://gobrunch.com/events/land/141421	141421
		Medicinal Chemistry-II	https://gobrunch.com/events/land/139200	139200
		Medicinal Chemistry-II	https://gobrunch.com/events/land/133332	133332
		Medicinal Chemistry-III	https://gobrunch.com/events/land/119622	119622
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		Medicinal Chemistry-III	uments\Zoom\2021-03-27 14.35.49 manojpeist@gmail.com munde's Zoom	71347740871
		Medicinal Chemistry-III	uments\Zoom\2021-03-27 15.19.11 manojpeist@gmail.com munde's Zoom	76567552163
14.	Ms. S. J. Mankar	Pharmacology -III	https://classroom.google.com/u/0/c/NDgzMTA5MTgwOTAw	
		Pharmacovigilance	https://classroom.google.com/u/0/c/NTIwNTYxMTk3MzQ1	
		Pharmaceutics	https://classroom.google.com/c/NDAXOTg1NDEwNzY5?cjc=dwmmkid	Dwmmkid
		Pharmaceutics II	https://classroom.google.com/c/MjU5OTAwNTQ4NzA2?cjc=zir3hny	zir3hny
15.	Dr.N. S. Kulkarni	Biopharmaceutics and Pharmacokinetics	https://classroom.google.com/c/MTA5MTk3ODE4Njk1	xy35chi
		Advanced biopharmaceutics and pharmacokinetics	https://classroom.google.com/u/1/c/MzQ3NDk4OTU0Nzc4	i2bvekq
		Modern pharmaceutics batch 2021sem i	https://classroom.google.com/u/1/c/NDUxOTIyOTM3MjUy	5uftoza
16.	Ms. M. H. Tapkir	Pharmaceutics-I	https://classroom.google.com/c/NDUwNDU0NDQ5MDU3?cjc=2ir5i66	
		Practice school	https://classroom.google.com/c/NDI4MzI0OTk5NzEz?cjc=kgzsbgr	
		Pharmaceutical Jurisprudence	https://classroom.google.com/c/MzgZnzAxNDUxMjcx?cjc=ee5z2gv	
		Biopharmaceutics and Pharmacokinetics	https://classroom.google.com/c/MjU5NDE5MTQyOTQ2?cjc=z4xx7wl	
17.	Ms. A. S. Shinde	PC-II	https://classroom.google.com/c/MTE3ODQwNzczOTE0?cjc=bah4w66	
		PC-II	https://classroom.google.com/c/MjYxODgwNDA3MjM2?cjc=qpjc54f	

		PMT	https://classroom.google.com/c/N Dk0OTg2NzY5Njkz?cjc=fwqokc1	
		Experimental pharmacology	https://classroom.google.com/c/N Dk1NTc3NjY2Nzg1?cjc=317brx5	
		BCP	https://classroom.google.com/c/N TM4NDE2MjUzNjUz?cjc=7dhkhey	
18.	Ms P. G. Kakde	Pharmacy practice	https://classroom.google.com/c/N jE2MTA1Nzk5NjMy?cjc=5e53e2w	
19.	Ms. K. S. Salve	Medicinal Chemistry II	https://classroom.google.com/c/N TE2ODQ2MDI5Mzc2?cjc=l5iwtte	
20.	Ms. D. R. Raut	Pharmacognosy and phytochemistry I	https://classroom.google.com/c/N DY0MjEwMDg2Mjc3	
			https://classroom.google.com/w/NDY0MjEwMDg2Mjc3/t/all	
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		Pharmaceuticl Jurisprudence	https://classroom.google.com/c/N TI0MDI5Mjc2NDI2	
21.	Ms. P. S. Shinde	Biopharmaceutics and Pharmacokinetics	https://classroom.google.com/c/N TkxNjUyODk5Njg3?cjc=catwm5o	
		Quality control and Standardization of herbals	https://classroom.google.com/c/N jU1MTkwNDk0NDAz?cjc=4snouum	4snouum
		Pharmaceutics- I & Computer applications in Pharmacy	https://classroom.google.com/c/N TI5ODkzMzQyNjEz?cjc=qtrglme	qtrglme
		Industrial Pharmacy- I	https://classroom.google.com/c/N jE5NDc3MDE3NTIx?cjc=5rv73wu	
22.	Ms. D. L. Patil	Novel Drug Delivery System	https://classroom.google.com/c/N jMwMDk5ODIyMzg2?cjc=cmyd nk2	cmyd nk2
		Pharmaceutics I	https://classroom.google.com/c/N jMwMTUyODYwODky?cjc=ysp7x3g	ysp7x3g
23.	Ms. M. B. Shinde	Computer Aided Drug Design	https://classroom.google.com/c/N jE4Njk2MDMyNDUw?cjc=mtokx2c	mtokx2c
24.	Dr. R. S. Shivarkar	Herbal drug Technology	https://classroom.google.com/u/1/c/NjU4ODc0MzU1NDMw	ncpvr bq

			https://classroom.google.com/c/NTE2NTczMTUwMjQy	557woqx
		Pharmacognosy and phytochemistry II	https://classroom.google.com/c/NjE2ODQxNDAxMjQw	n5awt67

Pedagogical initiatives used by faculty

