

**KIET SCHOOL OF PHARMACY, KIET GROUP OF INSTITUTIONS**  
**CO STATEMENTS AND MAPPINGS 2021-22**

Year	Course Code	Course	CO-Coordinator	CO-1	BL	KC	CO-2	BL	KC	CO-3	BL	KC	CO-4	BL	KC	CO-5	BL	KC	CO-6	BL	KC	Mapping link		
I	BP101T	Human Anatomy and Physiology	Ms.Priya	Discuss the basic structure of human body parts including cell, tissue and various types of cells signaling pathways.	Understand	Factual & Conceptual	Illustrate the structural and functional characteristics of bones and muscles of the human body.	Apply	Factual & Conceptual	Outline the composition and functions of blood and lymph.	Analyze	Factual & Conceptual	Illustrate the anatomical and physiological aspects of peripheral nervous system and sense organs.	Apply	Factual & Conceptual	Outline the structural and functional aspects of heart and its correlation with disorders in relation with ECG.	Analyze	Factual & Conceptual					<a href="https://drive.google.com/file/d/1HGXXUUSzixNPeNRJXpeoP_Gt5bWGPtV/view?usp=sharing">https://drive.google.com/file/d/1HGXXUUSzixNPeNRJXpeoP_Gt5bWGPtV/view?usp=sharing</a>	
	BP102T	Pharmaceutical Analysis I	Ms.Tanya	Illustrate the basics and concepts of Pharmaceutical analysis, its techniques and errors	Apply	Factual & Conceptual	Determine the basics and concepts of acid base and non aqueous titration and its application	Apply	Factual & Conceptual	Demonstrate the basics and concepts of precipitation, Complexometric, gravimetry and diazotization its application	Apply	Factual & Conceptual	Illustrate the basics and concepts of redox titrations and its application	Apply	Factual & Conceptual	Demonstrate the basics and concepts of electrochemical methods of analysis and its applications	Apply	Factual & Conceptual					<a href="https://drive.google.com/file/d/1wvRjwrxBRRTZIKYpJ8zXSsNHVIOaX9/view?usp=sharing">https://drive.google.com/file/d/1wvRjwrxBRRTZIKYpJ8zXSsNHVIOaX9/view?usp=sharing</a>	
	BP103T	Pharmaceutics I	Ms.Monika K	Explain the history of pharmacy profession, education, industry, and career opportunities in India	Understand	Conceptual & Procedural	Explain the introduction definition, classification of solid dosage form	Understand	Conceptual & Procedural	Classify the different types of liquid dosage forms in details	Understand	Conceptual & Procedural	Summarize the different type of semisolid dosage forms in details	Understand	Conceptual & Procedural	Outline the significance of posology, prescription, and pharmaceutical calculations.	apply	Conceptual & Procedural	Summarize the definition and classification of different types of pharmaceutical incompatibilities.	Understand	Conceptual & Procedural		<a href="https://docs.google.com/document/d/1D-spoY8Capp_XLCOw8B0I7bSUW2bN0s/edit?usp=sharing&amp;ouid=101633572930040298270&amp;trpof=true">https://docs.google.com/document/d/1D-spoY8Capp_XLCOw8B0I7bSUW2bN0s/edit?usp=sharing&amp;ouid=101633572930040298270&amp;trpof=true</a>	
	BP104T	Pharmaceutical Inorganic Chemistry	Dr. Deepti	Understand the sources of impurities with their control and Limit test of inorganic molecules in Pharmaceuticals.	Understand	Conceptual & Procedural	Explain buffers, major intra and extracellular electrolytes used in combination therapy including ORS and dental	Understand	Conceptual & Procedural	Describe the various inorganic gastrointestinal agents and antimicrobials.	Understand	Conceptual & Procedural	Understand the expectorants, emetics, haematinics and antidotes used in inorganic pharmaceuticals.	Understand	Conceptual & Procedural	Elaborate the radiopharmaceuticals, their handling and precautions.	Understand	Conceptual & Procedural						<a href="https://drive.google.com/file/d/1shDYtT_kgVQZUAdhALq1eR_hbEGGdGc/view?usp=sharing">https://drive.google.com/file/d/1shDYtT_kgVQZUAdhALq1eR_hbEGGdGc/view?usp=sharing</a>
	BP105T	Communication Skills	Dr. Chetna Sinha	Figure out the communication strategies and principles along with the various perspectives at workplace.	Analyze	Conceptual & Procedural	Practice the verbal & Non-verbal communication skills including the cognition of various communication style matrix.	Apply	Conceptual	Express his/her self confidence with improved command over the dimensions of LSRW.	Apply	Conceptual	Exercise the key principles of effective presentation techniques.	Apply	Conceptual & Procedural	Analyze, comprehend, converse, interact and participate at multinational levels in day-to-day events and situation with	Apply	Conceptual & Procedural						<a href="https://docs.google.com/document/d/16cdEtDA8ItZnpG51-V_J1hDKH2-fx7TVAwMHHRk">https://docs.google.com/document/d/16cdEtDA8ItZnpG51-V_J1hDKH2-fx7TVAwMHHRk</a>
	BP106RBT	Remedial Biology	Mr. Harsh Rastogi	Describe the basic components of anatomy & morphology of plants.	Understand	Conceptual & Procedural	Explain the concept of Body fluids, circulatory system, digestive system and respiration system	Understand	Conceptual & Procedural	Restate the basic concepts of excretory system, human reproduction system, neural, chemical control and coordination	Understand	Conceptual & Procedural	Express the basic concept of plant nutrition and nitrogen metabolism with the process of photosynthesis	Understand	Conceptual & Procedural	Elaborate about plant cell and tissues with the mechanism of plant respiration, its growth and development.	Understand	Conceptual & Procedural						<a href="https://docs.google.com/document/d/1Hu2P9NvYamNpQmV-Zg9b5WidDnxV/Ssx/edit?usp=sharing&amp;ouid=117238229639066707945&amp;trpof=true">https://docs.google.com/document/d/1Hu2P9NvYamNpQmV-Zg9b5WidDnxV/Ssx/edit?usp=sharing&amp;ouid=117238229639066707945&amp;trpof=true</a>
	BP106RMT	Remedial Mathematics	Dr. Barkha	Apply the concepts of partial fractions, logarithms, real valued functions, limits and continuity in Chemical Kinetics & Pharmacokinetics	Apply	Conceptual & Procedural	Apply the concepts of determinants and Matrices in solving Pharmacokinetics equations.	Apply	Conceptual & Procedural	Apply the concepts of derivatives of a function of one variable to find extrema at a point.	Apply	Conceptual & Procedural	Apply the concepts of coordinate geometry integration in Pharmaceutical problems.	Apply	Conceptual & Procedural	Apply the concepts of Differential equations and Laplace transformations in solving Chemical Kinetics &	Apply	Conceptual & Procedural						
II	BP301T	Pharmaceutical Organic Chemistry II	Ms.Shipra	Illustrate the structure, properties, chemical reactions and uses of benzene and its derivatives.	Apply	Factual & Conceptual	Examine the structure, properties, chemical reactions and uses of phenols, aromatic amines and aromatic acids.	Apply	Factual & Conceptual	Determine the structure, chemical reactions and analytical constants and significance of oil and fats.	Apply	Factual & Conceptual	Illustrate the structure, synthesis, chemical reactions and medicinal uses of polynuclear hydrocarbons.	Apply	Factual & Conceptual	Illustrate the structure, properties, chemical reactions and uses of cycloalkanes.	Apply	Factual & Conceptual						
	BP302T	Physical Pharmaceutics I	Ms.Kiran	Illustrate parameters related to solubility of the drugs	Apply	Conceptual and Procedural	Analyze states of matter, properties of matter and physicochemical properties of drug molecules.	Analyze	Conceptual and Procedural	Determine about surface and interfacial phenomenon.	Apply	Conceptual and Procedural	Outline complexation and protein binding	Analyze	Conceptual and Procedural	Illustrate about pH, buffers and isotonic solutions	Apply	Conceptual and Procedural					<a href="https://drive.google.com/file/d/1au4d4xWQmEwioWYCYb0pve29ii_9/view?usp=sharing">https://drive.google.com/file/d/1au4d4xWQmEwioWYCYb0pve29ii_9/view?usp=sharing</a>	
	BP303T	Pharmaceutical Microbiology	Mr.Himanshu	Explain the classification, cultivation, and replication of different classes of micro-organisms.	Understand	Conceptual and Procedural	Explain various microscopic, staining and sterilization techniques used in microbial studies.	Understand	Conceptual and Procedural	Describe the sterility testing of pharmaceuticals (as per pharmacopoeia) and evaluation of disinfectants.	Understand	Conceptual and Procedural	Examine the significance of aseptic area classification and designing.	Apply	Conceptual and Procedural	Explore the methods of biological products standardization and preservation.	Apply	Conceptual and Procedural	Determine the process and applications of cell culture in pharmaceutical research	Apply	Conceptual and Procedural		<a href="https://drive.google.com/file/d/1x4bqTui16UOs-0Q7N-C9i6AG7i25D/view?usp=sharing">https://drive.google.com/file/d/1x4bqTui16UOs-0Q7N-C9i6AG7i25D/view?usp=sharing</a>	
	BP304T	Pharmaceutical Engineering	Dr.Alankar	Understand basic concepts related to various unit operations of and related of equipments in the pharmaceutical industry	Understand	Conceptual, Factual, Procedural	Classify various equipments used in different unit operations	Analyze	Conceptual, Procedural	Examine various approaches for to perform different processes involved in pharmaceutical manufacturing process.	Apply	Conceptual, Procedural	Apply different unit operations for processing of pharmaceutical products.	Apply	Conceptual, Procedural	Justify selection of different material for pharmaceutical	Evaluate	Conceptual, Procedural						
	KVE301	Universal Human Values and Professional Ethics	Mr.Praveen	Discuss the need, basic guidelines, content and process for Value Education under the light of 'universal human values'	Understand	Conceptual and Factual	Explore the concept of harmony in the human being (in Myself) being 'I' & 'body' as separate entity.	Apply	Conceptual and Factual	Ensure the concept 'harmony' in the family and society keeping family as part of undivided society.	Analyze	Conceptual and Factual	Appraise harmony in the nature and existence imbibing the role of individuals in maintaining the harmony within.	Evaluate	Conceptual and Factual	Interpret the holistic approach of harmony in relation with Professional Ethics.	Evaluate	Conceptual and Factual						<a href="https://drive.google.com/file/d/1vRuA7S7IxzOXTIUQozFbOOI0cXpSi0M/view?usp=sharing">https://drive.google.com/file/d/1vRuA7S7IxzOXTIUQozFbOOI0cXpSi0M/view?usp=sharing</a>
	BP501T	Medicinal Chemistry II	Dr.Anjleena	Classify the antihistaminic agents along with their mechanism of action and SAR.	Apply	Factual & Conceptual	Illustrate classification, mechanism of action and SAR of Antineoplastic agents.	Apply	Factual & Conceptual	Determine the classes, mechanism of action and SAR of different categories of cardiovascular agents.	Apply	Factual & Conceptual	Illustrate classification, mechanism of action and SAR of various categories of drugs associated endocrine system.	Apply	Factual & Conceptual	Classify the drugs, mechanism of action and SAR of local anesthetic agents.	Apply	Factual & Conceptual						<a href="https://drive.google.com/file/d/10LnxDBTtGjro94JjChrSpVeZxne4nQ3/view?usp=sharing">https://drive.google.com/file/d/10LnxDBTtGjro94JjChrSpVeZxne4nQ3/view?usp=sharing</a>
	BP502T	Industrial Pharmacy I	Dr.Lakshmi	Understand preformulation studies, various drug products such as tablets, coated tablet, liquid oral, capsules, pellets, parenteral, ophthalmic products, cosmetics, aerosols, ophthalmic preparation and packaging material	Understand	Factual, conceptual and procedural	Apply preformulation and BCS considerations in the development of solid, liquid oral and parenteral dosage forms and its impact	Apply	Factual and Procedural	Formulate and prepare drug products such as tablets, coated tablet, liquid oral, capsules, pellets, parenteral.	Create	Conceptual, Procedural	Assess the quality of prepared drug products such as tablets, coated tablet, liquid oral, capsules, pellets, parenteral.	Evaluate	Conceptual, Procedural	Investigate various compression and processing problems related to manufacture of tablets, coated tablets, capsules	Analyze	Conceptual, Procedural						<a href="https://docs.google.com/document/d/1TX_4lk4sI83iaYDoKvWwGOGHlUwV2V/edit?usp=sharing&amp;ouid=115383745164147001402&amp;trpof=true">https://docs.google.com/document/d/1TX_4lk4sI83iaYDoKvWwGOGHlUwV2V/edit?usp=sharing&amp;ouid=115383745164147001402&amp;trpof=true</a>

III	BP503T	Pharmacology II	Dr.Abhishek	Determine the pharmacology of drugs used for management of cardiovascular disorders	Evaluate	Factual and Conceptual	Illustrate the pharmacology of drugs acting on urinary system	Analyze	Factual and Conceptual	Examine the pharmacological and physiological roles of autacoids and drugs acting on their receptors	Analyze	Factual and Conceptual	Determine the pharmacology of drugs acting on endocrine system	Evaluate	Factual and Conceptual	Classify bioassays and illustrate bioassay of specific drugs	Analyze	Conceptual and Procedural	<a href="https://drive.google.com/file/d/14NisaDB7KvCB80UjH3r-YABzq0AEDUA/view?usp=sharing">https://drive.google.com/file/d/14NisaDB7KvCB80UjH3r-YABzq0AEDUA/view?usp=sharing</a>
	BP504T	Pharmacognosy II	Dr.Richa	Understand the concepts of metabolic pathways in higher plants.	Understand	Factual and Conceptual	Acquire the knowledge of the chemistry, source, therapeutic uses and commercial applications of specific crude drugs.	Apply	Factual and Conceptual	Analyze the specified phytoconstituents utilizing the standardized parameters	Analyze	Conceptual & Procedural	Understand the industrial applications of the mentioned phytoconstituents	Understand	Factual and Conceptual	Compare various methods for extraction, isolation and purification of phytoconstituents.	Evaluate	Conceptual & Procedural	<a href="https://drive.google.com/file/d/164f_j84zRbLiBYbNotMu7zoh7e_7rV/view?usp=sharing">https://drive.google.com/file/d/164f_j84zRbLiBYbNotMu7zoh7e_7rV/view?usp=sharing</a>
	BP505T	Pharmaceutical Jurisprudence	Dr.Garima	Illustrate the rules and regulations defined under the Drugs and Cosmetics act 1945.	Apply	Factual & Conceptual	Illustrate the regulation by Pharmacy Act, Medicinal and Toilet Preparations Act-1955 and Narcotics Narcotic Drugs and	Apply	Factual & Conceptual	Examine the guidelines laid under the acts pertaining to prevention of cruelty to animals and national pricing authority.	Apply	Factual and Conceptual		Apply	Factual and Conceptual	Illustrate the basics of pharmaceutical legislations and code of pharmaceutical ethics.	Apply	Factual and Conceptual	<a href="https://drive.google.com/file/d/1HM5yKH8mMC00WbKTrQnMgsu7UrJE5B/view?usp=sharing">https://drive.google.com/file/d/1HM5yKH8mMC00WbKTrQnMgsu7UrJE5B/view?usp=sharing</a>
IV	BP701T	Instrumental Methods of Analysis	Dr. Vaishali M. Patil	Illustrate the basics and concepts of UV Visible spectroscopy, Fluorimetry and its applications.	Apply	Factual & Conceptual	Apply the basics and concepts of IR spectroscopy, flame photometry, atomic absorption spectroscopy, Nepheloturbidometry	Apply	Factual & Conceptual	Demonstrate the basics and concepts of chromatography, TLC, paper chromatography, Electrophoresis.	Apply	Factual, Conceptual & Procedural	Illustrate the basics and concepts of Gas chromatography and High-performance liquid chromatography.	Apply	Factual & Conceptual	Understand the basics and concepts of Ion exchange chromatography, Gel chromatography and Affinity chromatography	Understand	Factual & Conceptual	
	BP702T	Industrial Pharmacy II	Ms.Vidhu	Explain pilot plant scale up techniques, SUPAC guidelines and platform technology in perspective of Indian Pharmaceutical setup	Understand	Conceptual, Factual and Procedural	Differentiate various terminologies, guidelines for technology development and transfer along with different technology	Analyze	Conceptual, Factual and Procedural	Outline regulatory affairs and various regulatory requirements for drug approval in context with regulatory framework of Pharma Industry.	Analyze	Conceptual, Factual and Procedural	Implement different aspects of Quality Management System in the capacity of quality product development	Apply	Conceptual, Factual and Procedural	Determine Indian Regulatory Requirements	Apply	Conceptual and Factual	
	BP703T	Pharmacy Practice	Mr.Ghosh	Describe the basic concepts of hospital and its organization, Establishment of wholesale and retail drug store and role of pharmacist in hospital.	Understand	Conceptual and Procedural	Illustrate the drug distribution system in hospital, Hospital formulary and Indian scenario for therapeutic drug monitoring and medical adherence to maintain	Apply	Conceptual and Procedural	Illustrate the pharmacy policies and therapeutic committee to maintain the drug safety and medication error.	Apply	Conceptual and Procedural	Illustrate the implementation of new budget in pharmacy and Rational use of OTC medications.	Apply	Conceptual and Procedural	Determine the various estimation of blood compositions and urine in health care system.	Apply	Conceptual and Procedural	<a href="https://drive.google.com/file/d/1M97QmrvEhKz2KE98GbrS4V0WlNmVB3AaH/view?usp=sharing">https://drive.google.com/file/d/1M97QmrvEhKz2KE98GbrS4V0WlNmVB3AaH/view?usp=sharing</a>
	BP704T	Novel Drug Delivery System	Dr. Lakshmi	Understand basic concepts related to various Novel drug delivery systems.	Understand	Factual, Conceptual, Procedural	Analyze various novel drug delivery systems.	Analyze	Conceptual, Procedural	Examine various approaches for development of various Novel drug delivery systems.	Apply	Conceptual, Procedural	Apply different methods for development of novel drug delivery systems for various drugs.	Apply	Conceptual, Procedural	Apply Novel drug delivery systems for various medical conditions.	Apply	Conceptual, Procedural	<a href="https://docs.google.com/document/d/1Y_3QgrZVBS-zGHXP95a9K5-hVY6NL/edit?usp=sharing&amp;ouid=115383745164147001402&amp;tr">https://docs.google.com/document/d/1Y_3QgrZVBS-zGHXP95a9K5-hVY6NL/edit?usp=sharing&amp;ouid=115383745164147001402&amp;tr</a>
I	BP107P	Human Anatomy and Physiology – Practical	Mr. Praveen	Illustrate the microscopical characteristics of different types of cells and tissues in human body under the light of microscopic techniques.	Analyze	Conceptual and Procedural	Illustrate the concept for identification of various types of bones and joints under the background of their anatomical	Analyze	Conceptual and Procedural	Assess the methods and techniques to measure the various components of blood.	Evaluate	Conceptual and Procedural							<a href="https://drive.google.com/file/d/1kXXLCISGyKZlvmhEuZx7oEv5oOMaY1q/view?usp=sharing">https://drive.google.com/file/d/1kXXLCISGyKZlvmhEuZx7oEv5oOMaY1q/view?usp=sharing</a>
	BP108P	Pharmaceutical Analysis I – Practical	Ms.Tanya	Demonstrate various glasswares used in pharmaceutical analysis experiments	Apply	Conceptual and Procedural	Analyse the various chemical compounds used in pharmaceutical analysis	Analyze	Conceptual and Procedural	Examine various chemical compounds by using pharmaceutical assay method	Apply	Conceptual and Procedural							<a href="https://drive.google.com/file/d/1XbEy2MAhTCJLpilbmJoxWr-R-n_sX64m/view?usp=sharing">https://drive.google.com/file/d/1XbEy2MAhTCJLpilbmJoxWr-R-n_sX64m/view?usp=sharing</a>
	BP109P	Pharmaceutics I – Practical	Dr. Rao	Practice the preparation and dispensing of the liquid dosage form.	Apply	Conceptual and Procedural	Demonstrate and assess the preparation and dispensing of semisolid dosage forms.	Apply	Conceptual and Procedural	Demonstrate the preparation and dispensing of different types of powders.	Apply	Conceptual and Procedural							<a href="https://drive.google.com/file/d/16QHs8pD2mnh1ZE-0MS96Q4oRcrRIYEnG/view?usp=sharing">https://drive.google.com/file/d/16QHs8pD2mnh1ZE-0MS96Q4oRcrRIYEnG/view?usp=sharing</a>
	BP110P	Pharmaceutical Inorganic Chemistry– Practical	Mr. Surya	Analyze the limit tests of the inorganic ions in Pharmaceutical preparations	Analyze		Analyze the specified inorganic salts utilizing the Pharmacopoeial method	Analyze	Conceptual & Procedural	Preparation of the various inorganic pharmaceuticals	Apply	Conceptual & Procedural							
	BP112RBP	Remedial Biology– Practical	Mr. Harsh Rastogi	Demonstrate microscope, section cutting, mounting and staining of slides.	Apply	Conceptual & Procedural	Explain various parts of plants.	Understand	Conceptual and Procedural	Examine the tissues pertinent to Stem, Root, Leaf, seed, fruit and flower and bones.	Apply	Conceptual & Procedural	Determine the blood group, blood pressure and tidal volume in human	Apply	Conceptual & Procedural				<a href="https://docs.google.com/document/d/1nvZFKeHkp77-WXftdCx79NxcVGn_PPWP/edit?usp=sharing&amp;ouid=117238229639066707945&amp;tr">https://docs.google.com/document/d/1nvZFKeHkp77-WXftdCx79NxcVGn_PPWP/edit?usp=sharing&amp;ouid=117238229639066707945&amp;tr</a>
II	BP305P	Pharmaceutical Organic Chemistry II – Practical	Ms. Shipra	Demonstrate the purification of organic compounds.	Apply	Conceptual & Procedural	Illustrate the synthesis of some organic compounds like benzamide, acetanilide, phenyl benzoate, 2,4,6-tribromo aniline etc.	Apply	Conceptual & Procedural	Determine acid value, saponification value of oil and fats.	Apply	Conceptual & Procedural							<a href="https://docs.google.com/document/d/19FqU8v7n17wk43hSYxqZfPk9U7y13N/edit?usp=sharing&amp;ouid=101539142197894970950&amp;rtopof=true&amp;sd">https://docs.google.com/document/d/19FqU8v7n17wk43hSYxqZfPk9U7y13N/edit?usp=sharing&amp;ouid=101539142197894970950&amp;rtopof=true&amp;sd</a>
	BP306P	Physical Pharmaceutics I – Practical	Mr. Ghosh	Asses the solubility of drug at room temperature and % composition of NaCl in a solution using phenol-water system by CST method.	Evaluate	Factual Conceptual Procedural	Determine the partition co- efficient of benzoic acid in benzene / water system and Iodine in CCl4 / water system, the Freundlich-	Apply	Factual Conceptual Procedural	Evaluate the surface tension of given liquids by drop count and drop weight method, HLB number of a surfactant by	Evaluate	Factual Conceptual Procedural	Measure the pKa value of a drug by Half Neutralization/ Henderson-Hasselbalch equation (Experiments related)	Evaluate	Factual Conceptual Procedural				<a href="https://drive.google.com/file/d/1vhpNvw4Xcl01WqPGWT335tUf1BdJ9Q1/view?usp=sharing">https://drive.google.com/file/d/1vhpNvw4Xcl01WqPGWT335tUf1BdJ9Q1/view?usp=sharing</a>
	BP307P	Pharmaceutical Microbiology– Practical	Mr. Kanishk	Demonstrate the methods of sterilization and microbial culture.	Apply	Conceptual & Procedural	Demonstrate the methods of bacterial isolation and staining.	Apply	Conceptual & Procedural	Determine the microbial presence in pharmaceutical products and water using biochemical assay methods	Apply	Conceptual & Procedural							<a href="https://drive.google.com/file/d/13EBU2dqV9HRNKBnStks4tjC-bMdFB4-/view?usp=sharing">https://drive.google.com/file/d/13EBU2dqV9HRNKBnStks4tjC-bMdFB4-/view?usp=sharing</a>

	BP308P	Pharmaceutical Engineering –Practical	Mr. Sanjeev	Demonstrate the process & factors affecting filtration and centrifugation.	Apply	Conceptual & Procedural	Demonstrate the process & principles of drying and evaporation.	Apply	Conceptual & Procedural	Handle various pharmaceutical equipments like FBD, fluid energy mill, Ball mill, Colloidal mill, planetary mixer & Freeze dryer.	Apply	Conceptual & Procedural	Demonstrate the process and principles of crystallization and distillation	Apply	Conceptual & Procedural						<a href="https://docs.google.com/document/d/1CV_RkWyYmK9DixBWCfPhQRpNkXSBNzvit/edit?usp=sharing&amp;ouid=101539142197894970950&amp;rtopof=true&amp;sd=true">https://docs.google.com/document/d/1CV_RkWyYmK9DixBWCfPhQRpNkXSBNzvit/edit?usp=sharing&amp;ouid=101539142197894970950&amp;rtopof=true&amp;sd=true</a>
III	BP506P	Industrial Pharmacy I– Practical	Dr.Lakshmi	Determine various physicochemical parameters of drugs to perform preformulation studies.	Evaluate	Factual, Conceptual, Procedural	Prepare various dosage forms such as tablets, capsules, injections, eye ointments, eye drops and creams.	Create	Conceptual, Procedural	Evaluate tablets and capsules on various parameters	Evaluate	Conceptual, Procedural	Formulate coated tablets/granules	Create	Conceptual, Procedural						<a href="https://docs.google.com/document/d/1YazA3MHWOHYq25FE4xaq7cSi82mF_qk/edit?usp=sharing&amp;ouid=115383745164147001402&amp;rtopof=true&amp;sd=true">https://docs.google.com/document/d/1YazA3MHWOHYq25FE4xaq7cSi82mF_qk/edit?usp=sharing&amp;ouid=115383745164147001402&amp;rtopof=true&amp;sd=true</a>
	BP507P	Pharmacology II – Practical	Dr. Abhishek	Determine the effect of drugs on isolated preparation of animal tissues through simulation software	Apply	Conceptual & Procedural	Illustrate the pharmacological activity of drugs on animal models through simulation software	Analyze	Conceptual & Procedural	Determine the effect of drugs on dose-response curve of agents on isolated preparation of animal tissues through simulation software	Apply	Conceptual & Procedural	Demonstrate the bioassay techniques for effect of drugs on animal preparations through simulation software	Apply	Conceptual & Procedural						<a href="https://drive.google.com/file/d/1B1WszdJ-s1C8d-RMedoooXVIV4fC-0qL/view?usp=sharing">https://drive.google.com/file/d/1B1WszdJ-s1C8d-RMedoooXVIV4fC-0qL/view?usp=sharing</a>
	BP508P	Pharmacognosy and Phytochemistry II – Practical	Dr. Deepti	Understand the morphology and microscopy of crude drugs	Understand	Conceptual & Procedural	Compare various methods for extraction and isolation of phytoconstituents.	Evaluate	Conceptual & Procedural	Analyze the specified phytoconstituents utilizing the standardized parameters	Analyze	Conceptual & Procedural									<a href="https://drive.google.com/file/d/1ftOMuz9S_FtGSctYp6hVcXZx_KTPv7Fn-view?usp=sharing">https://drive.google.com/file/d/1ftOMuz9S_FtGSctYp6hVcXZx_KTPv7Fn-view?usp=sharing</a>
	BP509P	Report on Hospital Training-I	NA																		
IV	BP705P	Instrumental Methods of Analysis	Dr. Garima	Analyze the graphs of absorption maxima and effect of solvents in different organic compounds.	Analyze	Conceptual & procedural	Evaluate different organic compounds using colorimetry, fluorimetry and UV spectroscopy.	Evaluate	Conceptual & procedural	Demonstrate the working of HPLC, Gas chromatography and flame photometry.	Apply	Conceptual & procedural	Illustrate the process of separation of various compounds using different chromatographic techniques.	Analyze	Conceptual & procedural						<a href="https://drive.google.com/file/d/1Sumg7K_Zs-brtS6nLbdv6jJfXBV9lwx/view?usp=sharing">https://drive.google.com/file/d/1Sumg7K_Zs-brtS6nLbdv6jJfXBV9lwx/view?usp=sharing</a>