

B.PHARM NEW SYLLABUS 3RD YR. 5TH SEM

CO Statement and CO PO MAPPING

Subject	CO label	CO Statement	BTL
PT511	CO 511.1	Classify the therapeutic agents and outline the synthetic route for the selective medicinal compounds of each category	2
	CO 511.2	Articulate on the mechanism of action of agents acting on autonomous and central nervous system.	3
	CO 511.3	Compare the relationship between the biological activity and structure of therapeutic agents.	6
	CO 511.4	Outline the rational use of antibiotics, antineoplastic and antidiabetic drugs	4
PT514	CO514.1	Explain the Metabolic pathways in higher plants and their determination and basic of phytochemistry	5
	CO514.2	Explain various crude drugs from resin, tannins, volatile oil and glycoside	4
	CO514.3	Discuss the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents	4
PT512	CO512.1	To explain different parameters required for drug delivery.	2
	CO512.2	To choose proper surgical products.	3
	CO512.3	To choose and justify use of proper pharmaceutical packaging materials.	1,3,5
	CO512.4	Develop the ability to formulate different pharmaceutical dosage form.	6
	CO512.5	To build knowledge about formulation development.	3
PT513	CO513.1	Analyze the mechanism of drug action and its relevance in the treatment of different diseases	4

	CO513.2	Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments	2
	CO513.3	Demonstrate the various receptor actions using isolated tissue preparation	2
	CO513.4	Justify correlation of pharmacology with related medical sciences	5
PT515	CO515.1	Awareness and Recognize about the Legislation related to Pharmacy & Pharmaceutical Sciences	2
	CO515.2	To Understand and Judge the Ethics, the Pharmacy Act of India and Drugs & Cosmetics Act of India 1940 and Rules 1945	6
	CO515.3	Awareness to the Responsibility towards Medicinal & Toiletries Preparation Act, Narcotics Drugs & Psychotropic Substances Act and finally Drug Price Controlling Authority norms.	2
	CO515.4	To Judge, be Aware and to Appraise the wrongs of Drugs & Magic Remedies Act, MTP Act, Awareness of CPCSEA, to Understand the Shop, Factory & Patent Act.	6

PRACTICAL

Subject	CO label	CO Statement	BTL
PT597	CO597.1	Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments	2
	CO597.2	Demonstrate the various receptor actions using isolated tissue preparation	2
	CO597.3	Justify correlation of pharmacology with related medical sciences	5
PT596	CO 596.1	To formulate different dosage form and surgical dressing.	6
	CO 596.2	To develop knowledge regarding relationship between different additives used in drug delivery.	3,4
	CO 596.3	Able to minimize stability problem in formulation.	6
	CO 596.4	Increase capability to relate drug interaction.	2
PT598	CO598.1	Evaluate the crude drugs systematically	6

	CO598.2	Develop the experiments on isolation, identification, separation and purification of various groups of constituents present in crude drugs of pharmaceutical significance.	6
	CO598.3	Estimate the chemical parameters crude drugs	6