



KONKAN GYANPEETH RAHUL DHARKAR COLLEGE OF PHARMACY AND RESEARCH INSTITUTE, KARJAT

(Approved by AICTE & P.C.I. (New Delhi), D.T.E. (Govt. of MS) & Affiliated to University of Mumbai & MSBTE)

REVISED CHOICE BASED CREDIT SYSTEM (R-CBCS) SEM V

Sr.No.	Code	Name of Subject	Course outcome
41	BP501T	MEDICINAL CHEMISTRY – II	1. Student shall be able to know the Structural Activity Relationship of different class of drugs
			2. Student shall be able to understand the chemistry of drugs with respect to their pharmacological activity
			3. Student shall be able to understand the drug metabolic pathways, adverse effect and therapeutic value of drugs
			4. Student shall be able to study the chemical synthesis of selected drugs
42	BP502T	INDUSTRIAL PHARMACY	1. Student shall be able to know the various pharmaceutical dosage forms and their manufacturing techniques.
			2. Student shall be able to know various considerations in development of pharmaceutical dosage forms
			3. Student shall be able to formulate solid, liquid and semisolid dosage forms and evaluate them for their quality
43	BP503T	PHARMACOLOGY-II	1. Student shall be able to understand the mechanism of drug action and its relevance in the treatment of different diseases
			2. Student shall be able to demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments
			3. Student shall be able to demonstrate the various receptor actions using isolated tissue preparation
			4. Student shall be able to appreciate correlation of pharmacology with related medical sciences
44	BP504T	PHARMACOGNOSY AND PHYTOCHEMISTRY II	1. Student shall be able to know the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents
			2. Student shall be able to understand the preparation and development of herbal formulation.
			3. Student shall be able to understand the herbal drug interactions
			4. Student shall be able to carryout isolation and identification of phytoconstituents

45	BP505T	PHARMACEUTICAL JURISPRUDENCE	1. Student shall be able to understand the Pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals
			2. Student shall be able to understand the various Indian pharmaceutical Acts and Laws
			3. Student shall be able to understand the regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals
			4. Student shall be able to understand the code of ethics during the pharmaceutical practice
46	BP506P	INDUSTRIAL PHARMACY	1. Student shall be able to understand the preformulation studies on paracetamol/aspirin and preparation and evaluation of same.
			2. Student shall be able to understand the Coating of tablets- film coating of tablets/granules
			3. Student shall be able to understand the preparation of Calcium Gluconate injection
			4. Student shall be able to understand the Quality control test of (as per IP) marketed tablets and capsules
			5. Student shall be able to understand the preparation of Eye drops/ and Eye ointment/creams
47	BP507P	PHARMACOLOGY-II	1. Student shall be able to understand the effect of drugs on isolated frog heart, blood pressure and heart rate of dog
			2. Student shall be able to understand the study of diuretic activity of drugs using rats/mice.
			3. Student shall be able to understand the effect of physostigmine and atropine on DRC of acetylcholine using frog rectus abdominis muscle and rat ileum respectively.
			4. Student shall be able to understand the Bioassay of histamine ,oxytocin ,serotonin and acetylcholine
48	BP508P	PHARMACOGNOSY AND PHYTOCHEMISTRY II	1. Student shall be able to understand the Morphology, histology and powder characteristics & extraction & detection of: Cinchona, Cinnamon, Senna, Clove, Ephedra, Fennel and Coriander
			2. Student shall be able to understand the isolation & detection of active principles
			3. Student shall be able to understand the Separation of sugars by Paper chromatography
			4. Student shall be able to understand the TLC of herbal extract
			5. Student shall be able to understand the Distillation of volatile oils and detection of phytoconstituents by TLC