COURSE OUTCOMES 2021-22		
BATCHLOR OF PHARMACY		
	B.PH.IVSEMESTER	
BP401T	**PHARMACEUTICAL ORGANIC CHEMISTRY III**	
	CO1	To study structural formula using Fischer projection and molecular model, nomenclature, classification, isomerism and uses of organic compounds like alkanes, alkenes, conjugated dienes and different functional groups containing alkyl halides, alcohols, carbonyl compounds viz aldehydes, ketones, carboxylic acids, ester, amides and aliphatic amines.
	CO2	To study the physical and chemical properties of organic compounds.
	CO3	To understand and know the different methods of preparation of organic compounds as well as their derivatives.
	CO4	to study the mechanism and orientation of the reactions of organic compounds.
	CO5	To account for the stability as well as reactivity of organic compounds.
	CO6	To study and perform identification and confirmatory reactions of the organic compounds using systemic qualitative analysis.
BP402T		**MEDICINAL CHEMISTRY I**
	CO1	Summarize basics of medicinal chemistry including physicochemical properties in relation to biological action and drug.
	CO2	Study of synthesis of drug acting on as adrenergic system.
	CO3	Summarize the cholinergic neurotransmitter, para sympathomimetic agent and cholinergic blocking agent.
	CO4	Detail study of the drug acting on CNS including sedative and hypnotics, antipsychotics, anticonvulsant.
	CO5	Classify and synthesis drug acting on CNSincluding general anaesthetics, narcotics and non narcotics.
	CO6	Preparation and assay of various drug and drug intermediates.
BP403T/ BP406P		**PHYSICAL PHARMACEUTICS II**
	CO1	Understand the various physicochemical properties of the drug molecules in the designing the dosage forms.
	CO2	Know the principles of chemical kinetics and to use them for stability testing and determination of expiry date of formulation.
	CO3	Demonstrate use of physicochemical properties in the formulation , development and evaluation of dosage form.
	CO4	Describe the flow behaviour and micrometrics.
	CO5	Have basic knowledge of colloidal and coarse dispersion.
BP404T/ 408P		**PHARMACOLOGY I**
	CO1	Understand the pharmacological actions of different categories of drugs.
	CO2	Explain the mechanism of action at organ system/ subcellular/ micromolecular level.
	CO3	Describe the action on peripheral nervous system and including organization of ANS and neurotransmitter.
	CO4	Apply the basics pharmacological knowledge in the prevention and treatment of various disease.
	CO5	Observe the effect of drugs on animals by stimulated experiments.

BP405T/ 409P		**PHARMACOGNOSY AND PHYTOCHEMISTRY I**
	CO1	To know the techniques in cultivation and production of crude drugs.
	CO2	To know the crude drugs, their uses and chemical nature.
	CO3	To know the evaluation techniques for the herbal drugs.
	CO4	To carry out microscopic and morphological evaluation of crude drugs.
	CO5	To understand the analysis of crude drugs by chemical test.
	CO6	To determine the stomatal number and index, vein islets, vein termination and palisade ratio.