

COURSE OUTCOMES 2021-22		
BATCHLOR OF PHARMACY		
B.PH.III SEMESTER		
BP301T	PHARMACEUTICAL INORGANIC CHEMISTRY II	
	CO1	Explain the concept involved in Benzene and its derivatives.
	CO2	Details study of concept involved in Phenols, Aromatic amines, and aromatic acids.
	CO3	Describe about fats and Oils.
	CO4	Details study of polynuclear hydrocarbons, their mechanism
	CO5	Describe about Cycloalkanes.
	CO6	Details study about recrystallization, Steam distillation, Purity of fats and oil, and synthesis of various organic compound
BP302T/BP306/P	PHYSICAL PHARMACEUTICS I	
	CO1	To understand various physicochemical properties of drug molecules in the designing the dosage forms.
	CO2	To know the principles of chemical kinetics & to use them for stability testing and determination of expiry date of formulations.
	CO3	Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms.
	CO4	Determination of Partition co-efficient of benzoic acid in benzene and water.
	CO5	Determination of surface tension of given liquids by drop count and drop weight method.
	CO6	Determination of stability constant and donor acceptor ratio of Cupric Glycine complex by pH titration method.
BP303T/BP303P	PHARMACEUTICAL MICROBIOLOGY II	
	CO1	To understand introduction, history of microbiology & its importance
	CO2	Study of different types of microscopies
	CO3	Understand methods of identification, cultivation and preservation of various microorganisms
	CO4	To understand the importance and implementation of sterilization in pharmaceutical processing and industry
	CO5	Learn sterility testing of pharmaceutical products
	CO6	Carried out microbiological standardization of pharmaceuticals.
	CO7	Understand the cell culture technology and its applications in pharmaceutical industries.
BP304T/308P	PHARMACEUTICAL ENGINEERING	
	CO1	To know various unit operations used in Pharmaceutical industries.
	CO2	To understand the material handling techniques.
	CO3	To perform various processes involved in pharmaceutical manufacturing process.
	CO4	To carry out various tests to prevent environmental pollution.
	CO5	To appreciate and comprehend significance of plant layout design for optimum use of resources.
	CO6	To appreciate the various preventive methods used for corrosion control in Pharmaceutical industries.
	CO7	To understand and perform the process involving unit operation
	CO8	To understand the Principal and working of various equipment used in unit operation