

## B. Pharm. Semester-II

COs	Statement
<b>Human Anatomy and Physiology II (BP201TP)</b>	
201.1	Explain the gross morphology, structure and functions of central nervous system of the human body.
201.2	Acquire knowledge about structure and functions of various organs of digestive system with emphasis to energetics.
201.3	Describe anatomy and physiology of organs of respiratory systems with artificial respiration and resuscitation methods.
201.4	Learn about structure and functions of urinary system along with acid base balance and renin angiotensin system.
201.5	Understand the role of hormones secreted from different endocrine glands of the human body.
201.6	Know about male and female reproductive systems along with basic knowledge of genetics.
<b>Pharmaceutical Organic Chemistry I (BP202TP)</b>	
202.1	Explain Nomenclature, structure and type of isomerism of organic compounds.
202.2	Describe Properties, Stability and Preparation and reaction of Alkane and Alkene
202.3	Describe Properties, Stability and Preparation and reaction of conjugated dienes and Alcohol
202.4	Explain orientation, preparation, Stability and Reactions of Alkyl halide
202.5	Explain properties, preparation and reaction of carbonyl compounds and Demonstrate naming reaction of carbonyl compounds.
202.6	To demonstrate the relation between acidity and basicity with Preparations and Reactions of Carboxylic acid Aliphatic Amines respectively.
<b>Pharmaceutical Engineering (BP203TP)</b>	
203.1	To understand about principle, objectives of flow of fluid and size reduction and its methods.
203.2	To understand about various applications,, mechanism of processes like heat transfer and size separation
203.3	To understand the concept of evaporation and Distillation and its various processes, methods.
203.4	To understand various principles of Drying, and Mixing
203.5	To study principle of filtration and Centrifugation and understand its methods and processes.
203.6	To know and understand objectives, applications methods of prevention corrosion
<b>Computer Applications in Pharmacy (BP204TP)</b>	
204.1	Able to do conversion of number system and also get basics of software
204.2	To understand about different Web technologies and databases
204.3	To know how to use computer in study of pharmacy like drug data storage, diagnostics system, drug design

204.4	To study the principle of bioinformatics and its application in the field of pharmacy.
204.5	To perform data analysis in preclinical development
204.6	Able to apply Concept of Information Systems and Software
<b>Environmental Sciences (BP205TT)</b>	
C205.1	To understand the different types of pollutions and its causes and prevention.
C205.2	To know how can we take precautions and reduce the pollution.
C205.3	To know about multi disciplinary nature of environment like forest, water, mineral, food, energy, land resources.
C205.4	The purpose of the course is to know about all the natural resources present in earth and how they link to us and how we can conserve it.
C205.5	To Understand the basic concept of ecosystem. Also about structure ana function of ecosystem.
C205.6	To know about different types of ecosystem and its characteristic features.