SEM II Credit Based and Grading System

Sr.No.	Code	Name of Subject	Course outcome
9	BPH T 2.1	Pharmaceutical Chemistry I	1. The leaner should be able to understand the basic strategy of acid ,base and buffers. 2. The leaner should be able to gain the knowledge of major Intra-and Extra-cellular Electrolytes 3. The leaner should be able to understand the importance of Pharmaceutical Aids Used in Pharmaceutical Industry 4. The leaner should be able to describe the importance of inorganic Radio Pharmaceuticals
10	BPH T 2.2	Biochemistry I	1. The leaner should be able to study introduction The leaner should be able to carbohydrates, proteins, lipids 2. The leaner should be able to elaborate nomenclature of enzymes, the factors affecting enzyme activity and names of enzymes that are important drug 3. The leaner should be able to understand the biochemical roles of all the vitamins . 4. The leaner should be able to gain the knowledge of digestion and absorption of food (carbohydrates, lipids and carbohydrates).
11	BPH T 2.3	Pharmaceutics I	1. The leaner should be able to understand the importance of Bioavailability and Biopharmaceutics 2. The leaner should be able to study basic pharmaceutical calculations 3. The leaner should be able to study the importance of rheology and micromeritics 4. The leaner should be able to Study preformulation and formulation concept
12	BPH T 2.4	Physical Pharmacy – II	1. The leaner should be able to study concept of tonicity,isotonic buffer solutions, application of buffers in pharmacy 2. The leaner should be able to understand distribution phenomenon of different state such as solid, liquid and gaseous state 3. The leaner should be able to study the concept of molecularity, order of a reaction and specific rate constant. 4. The leaner should be able to study the concept of surface tension, Interfacial tension and Electromotive force
13	BPH T 2.5	Anatomy, Physiology and Pathophysiology – II	1. The leaner should be able to study pathogenesis and morphology of cell injury, benign and malignant tumor 2. The leaner should be able to gain the knowledge regarding anatomy and physiology of endocrine glands, Nervous System, Respiratory System. 3. The leaner should be able to study Pathophysiology of different diseases such as Asthma, Pneumonia, Bronchitis ,Parkinsonism, Alzheimer's Disease etc 4. The leaner should be able to study structure and function of sensory organs such as ear, eye ,nose etc.
14	BPH P 2.6	Pharmaceutical Chemistry Lab. I	1. The leaner should be able to performed systematic qualitative analysis of inorganic mixtures up The leaner should be able to four radicals. 2. The leaner should be able to acquired knowledge of analysing mixture by semi-micro methods. 3. The leaner should be able to study identification tests for pharmacopoeial inorganic pharmaceuticals 4. The leaner should be able to performed qualitative tests for captions and anions
15	BPH P 2.7	Pharmaceutics Lab. - I	1. The leaner should be able to acquired knowledge of preparation of Aromatic waters ,Syrups & Linctus 2. The leaner should be able to acquired knowledge of preparation of Glycerites, Elixirs & Nasal drops 3. The leaner should be able to acquired knowledge of preparation of Solutions & Powders 4. The leaner should be able to study specific gravity , viscosity bulk density, flow rate and angle of Repose and its application in pharmaceutical s preparation.
16	BPH P 2.8	Physical Pharmacy Laboratory. II	1. The leaner should be able to study determination of order of reaction by equal fraction method 2. The leaner should be able to study determination of Critical solution temperature 3. The leaner should be able to study determination of Determination of CMC 4. The leaner should be able to study determination of Surface area determination