SEM IV Credit Based and Grading System

Sr.No.	Code	Name of Subject	Course outcome
26	**BPH T 4.1**	**Organic Chemistry – II**	1. The leaner should be able to acquired knowledge of functional group chemistry and molecular rearrangements 2. The leaner should be able to understand polycyclic aromatic compounds such as naphthalene, anthracene, phenanthrene etc 3. The leaner should be able to acquired knowledge of stereochemistry 4. The leaner should be able to study redox reactions
27	**BPH T 4.2**	**Pharmaceutical Analysis – I**	1. The leaner should be able to acquired knowledge of basic titration such as Aqueous acid-base, complexiметry, Redox Precipitation, Oxidation-Reduction etc 2. The leaner should be able to study Gravimetric analysis 3. The leaner should be able to acquired knowledge of different Electro Analytical Techniques such as polagraphy, amperometry, coulometry etc 4. The leaner should be able to understand liquid-liquid extraction process
28	**BPH T 4.3**	**Pharmaceutics – II**	1. The leaner should be able to study Disperse Systems such as Suspensions and Emulsions 2. The leaner should be able to acquired knowledge of formulation and quality control. 3. The leaner should be able to understand blood banking procedures and Quality control aspects of blood products 4. The leaner should be able to acquired knowledge of formulation and quality control of Sutures / ligatures.
29	**BPH T 4.4**	**Microbiology**	1. The leaner should be able to acquired knowledge of Staining of microorganisms such as Monochrome , Negative , Differential staining etc 2. The leaner should be able to understand in details Bacteria and Viruses 3. The leaner should be able to study Major groups of Eukaryotic microorganisms 4. The leaner should be able to acquired knowledge of Sterilization
30	**BPH T 4.5**	**Pharmacology – I**	1. The leaner should be able to acquired knowledge of Routes of drug administration 2. The leaner should be able to understand Mechanisms of drug action 3. The leaner should be able to acquired knowledge of toxic effects of drugs on different organs and systems. 4. The leaner should be able to understand Diuretics
31	**BPH T 4.6**	**Mathematics and Statistics**	1. The leaner should be able to understand Measurement of Central Tendency 2. The leaner should be able to acquire knowledge of Measures of Dispersion 3. The leaner should be able to understand Sampling distribution for mean and proportion. 4. The leaner should be able to implement Binomial, Poisson and Normal distribution concepts in real life examples.
32	**BPH P 4.7**	**Pharmaceutical Analysis- I Lab.**	1. The leaner should be able to study Acid-Base titrations 2. The leaner should be able to understand basic principle behinds Redox titrations (Iodometry.Idimetry,Cerrimetry) 3. The leaner should be able to understand Complexometric titrations 4. The leaner should be able to acquired knowledge of gravimetric analysis
33	**BPH P 4.8**	**Pharmaceutics Lab. – II**	1. The leaner should be able to study formulation of Suspensions and Emulsions. 2. The leaner should be able to acquired knowledge of formulation of Ointments. 3. The leaner should be able to acquired knowledge of formulation Gels and Creams 4. The leaner should be able to study formulation of Pastes and Suppositories
34	**BPH P 4.9**	**Pharmacology Lab. – I**	1. The leaner should be able to study Dose response curve (DRC) of Ach using suitable isolated tissue preparation 2. The leaner should be able to acquired knowledge of Care and ethics in animal experiment.
35	**BPH P 4.10**	**Microbiology Lab**	1. The leaner should be able to Study microscope and common laboraThe leaner should be able tory equipments 2. The leaner should be able to acquired knowledge of Staining of microorganisms such as Monochrome , Negative , Differential staining etc 3. The leaner should be able to acquired knowledge of Motility of microorganism