

**SEM VIII Credit Based and Grading System**

Sr.No.	Code	Name of Subject	Course outcome
63	BPH T 8.1	Pharmaceutical Chemistry – IV	<ol style="list-style-type: none"> <li>1. The learner should be able to acquired the knowledge of CNS Drugs</li> <li>2. The learner should be able to acquired the knowledge of ANS Drugs</li> <li>3. The learner should be able to understand the importance of Analgesic Drugs</li> <li>4. The learner should be able to understand drugs affecting Hormonal Systems</li> </ol>
64	BPH T 8.2	Pharmaceutics – V	<ol style="list-style-type: none"> <li>1. The learner should be able to acquired the knowledge of NDDS</li> <li>2. The learner should be able to understand Microencapsulation</li> <li>3. The learner should be able to understand the importance of proper Documentation</li> <li>4. The learner should be able to acquired the importance of Validation</li> </ol>
65	BPH T 8.3	Biopharmaceutics & Pharmacokinetics	<ol style="list-style-type: none"> <li>1. The learner should be able to acquired the knowledge of Pharmacokinetic</li> <li>2. The learner should be able to understand the importance of Bioavailability And Bioequivalence</li> </ol>
66	BPH T 8.4	Pharmacognosy & Phytochemistry – III	<ol style="list-style-type: none"> <li>1. The learner should be able to acquired knowledge of Volatile Oils, Steroidal, Resins containing drugs</li> <li>2. The learner should be able to understand Phenyl propanoids and related compounds containing drugs</li> <li>3. The learner should be able to understand the importance of Herbal Excipients &amp; Cosmetics</li> <li>4. The learner should be able to study of herbal formulations &amp; Ayurvedic formulations</li> </ol>
67	BPH T 8.5	Clinical Pharmacy	<ol style="list-style-type: none"> <li>1. The learner should be able to understand concept of Clinical Pharmacy, Community pharmacy and hospital pharmacy</li> <li>2. The learner should be able to acquired knowledge of drug interactions</li> <li>3. The learner should be able to understand the importance of drug use in special population</li> <li>4. The learner should be able to acquired knowledge of drug discovery &amp; development:</li> </ol>
68	BPH P 8.6	Pharmaceutical Chemistry Lab. – III	<ol style="list-style-type: none"> <li>1. The learner should be able to understand Diels – Alder Reaction</li> <li>2. The learner should be able to acquired knowledge of Synthesis of various compound</li> <li>3. The learner should be able to understand three Component Synthesis of Pyrimidone using Ethylacetoacetate, Benzaldehyde and Urea</li> <li>4. The learner should be able to understand the importance of Hofmann rearrangement</li> </ol>
69	BPH P 8.7	Pharmaceutics Lab. – V	<ol style="list-style-type: none"> <li>1. The learner should be able to acquired knowledge of formulation and in vitro release evaluation of</li> <li>2. The learner should be able to understand dissolution testing of marketed formulations</li> <li>3. The learner should be able to acquired knowledge of formulation and evaluation of mucoadhesive buccal films</li> <li>4. The learner should be able to study microencapsulation of solid and liquid core using phase separation coacervation technique and evaluation of microcapsules</li> </ol>
70	BPH P 8.8	Pharmacognosy & Phytochemistry Lab. – III	<ol style="list-style-type: none"> <li>1. The learner should be able to acquired the knowledge of how morphological identified crude drugs</li> <li>2. The learner should be able to study of morphology, histology and powder characteristics of crude drugs</li> <li>3. The learner should be able to understand the importance of extraction, chemical tests and TLC of crude drugs</li> <li>4. The learner should be able to acquired the knowledge of qualitative evaluation of phyto constituents from herbal formulation</li> </ol>