Guru Nanak Institute of Pharmaceutical Science & Technology
B. PHARM 1ST YEAR 2ND SEMESTER

Sl No	Course Outcome (CO)	Bloom's Taxonomy Level (BTL)
PT216.1	Student would have explain the etiology and pathogenesis of the selected disease states	**2**
PT216.2	Student can illustrate the application of pathophysiology for human welfare	**2**
PT216.3	They would have summarize signs & symptoms of the diseases	**2**
PT216.4	Students can improve their understanding on complications of the diseases.	**3**
PT216.5	Students can compare between pathology & physiology	**5**
PT205.1	Students would able to identify the various organs of different system of human body	**3**
PT205.2	They would have examine and learned about the experiments like neurological reflex, blood pressure monitoring,elecrocardiogram	**4**
PT205.3	They would have understand the mechanism of olfaction, gustatory reflex and eye sight	**2**
PT205.4	They would have compare on interlinked mechanisms in the maintenance of normal functioning of human body.	**5**
PTC203.1	To know the various types of application of computers in pharmacy.	1
PTC203.2	To know the various types of databases	3
PTC203.3	know the various applications of databases in pharmacy	2
PT-213.1	Recall and understand structure, name and the types of isomerism of different classes of aliphatic organic compounds.	1,2
PT-213.2	Comprehend classification, preparation and applications of different classes of aliphatic organic compounds.	2
PT-213.3	Illustrate and analyze the reaction mechanism, orientation and stability/ reactivity of different classes of aliphatic organic compounds.	3,4
PT-214.1	Classify structure, properties, and explain the biological significance and applied energetics of carbohydrates, lipids, proteins, enzymes and nucleic acids.	2
PT-214.2	Illustrate the metabolic pathways, describe energetics and recognize the physiological and pathophysiological conditions associated with carbohydrates, lipids, proteins, enzymes and nucleic acids.	2,3

PT-214.3	Summarize the concept of biological oxidation emphasizing on ETC and oxidative phosphorylation and identifying related inhibitors.	4,5
PT-214.4	Comprehend the laws of thermodynamics and apply it to biological systems illustrating the significance of ATP.	2

Sl. No	**Course outcome**	**Program Outcome**											
		O1	**O2**	**O3**	**O4**	**O5**	**O6**	**O7**	**O8**	**O9**	**O10**	**O11**	**O12**
1.	**PT216.1**	3	3	2	3	2	2	2	3	3	2	3	3
2.	**PT216.2**	3	3	2	3	2	2	2	3	3	2	3	3
3.	**PT216.3**	3	3	3	3	3	2	1	3	2	2	2	3
4.	**PT216.4**	3	3	2	2	2	1	3	3	1	2	2	3
5	**PT216.5**	2	2	2	1	1	1	1	1	1	1	1	1
6	**P205.1**	3	2	3	2	2	1	1	1	1	1	1	2
7	**PT205.2**	3	3	3	2	2	1	1	1	1	1	1	1
8	**PT205.3**	3	2	2	2	2	1	1	1	1	1	1	1
9	**PT205.4**	3	3	3	3	3	1	1	1	1	1	1	2
10	**PTC203.1**	3	3	3	2	2	1	3	1	2	3	2	3
11	**PTC203.2**	3	2	3	3	2	3	1	2	3	3	2	3
12	**PTC203.3**	3	3	3	3	2	2	2	1	3	3	3	3
13	**PTC293.1**	3	3	3	2	2	1	3	1	2	3	2	3
14	**PTC293.2**	3	2	3	3	2	3	1	2	3	3	2	3
15	**PTC293.3**	3	3	3	3	2	2	2	1	3	3	3	3