COURSE OUTCOMES (AS PER PCI SYLLABUS)
COURSE: HUMAN ANATOMY AND PHYSIOLOGY - I THEORY (BP101T)

CO No.	CO Statement	Bloom's Level
BP101T.1	Develop a vocabulary of appropriate terminology to effectively communicate information related to anatomy and physiology.	Remember, Understand, Apply, Analyze
BP101T.2	Recognize the anatomical structures and explain the physiological functions of cell, tissues, blood, heart, lymphatic system, special senses, ANS	Remember, Understand, Apply, Analyze
BP101T.3	Draw anatomical structures and explain the physiological functions of skin, bones, muscles, joints.	Remember, Understand, Apply, Analyze
BP101T.4	explain the principle of homeostasis and the use of feedback loops to control physiological systems in the human body.	Remember, Understand, Apply, Analyze
BP101T.5	Use anatomical knowledge to predict physiological consequences, and use knowledge of function to predict the features of anatomical structures.	Remember, Understand, Apply, Analyze

COURSE: PHARMACEUTICAL ANALYSIS - I THEORY (BP102T)

CO No.	CO Statement	Bloom's Level
BP102T.1	Define preliminaries in pharmaceutical analysis and explain quality, purity, qualitative-quantitative analysis, errors, standards, accuracy, precision, impurities.	Remember, Understand
BP102T.2	Explain the theoretical principle of classical method of titrimetric (volumetric) analysis in general including physical methods of end point detection and preparation and standardization of various normal and molar standard solution.	Understand, Apply, Analyze, Evaluate
BP102T.3	Explain the theoretical principle involved in aqueous acid-base titrations, non-aqueous titrations, redox titration, complexometric titrations, argentometric titrations, diazotisation titration and gravimetric analysis.	Understand, Apply, Analyze, Evaluate
BP102T.4	Describe the principle, instrumentation, working and applications of electrochemical methods of analysis like conductometry, potentiometry and polarography.	Understand, Apply, Analyze
BP102T.5	Explain the principle and outline the reactions involved in pharmacopoeial assay of aspirin, sodium benzoate, ephedrine HCl, sodium chloride, magnesium sulphate, calcium gluconate and barium sulphate.	Bl4 Analyze, Bl5 Evaluate

COURSE: PHARMACEUTICS - I THEORY (BP103T)

CO No.	CO Statement	Bloom's Level
BP103T.1	Know the history of profession of pharmacy.	Remember, Understand
BP103T.2	Explain the basics of different dosage forms, pharmaceutical incompatibilities and pharmaceutical calculations.	Remember, Understand
BP103T.3	Explain different monophasic and biphasic dosage forms.	Remember, Understand
BP103T.4	Explain the professional way of handling the prescription.	Remember, Understand
BP103T.5	Prepare various conventional dosage forms.	Remember, Understand

COURSE: PHARMACEUTICAL INORGANIC CHEMISTRY THEORY (BP104T)

CO No.	CO Statement	Bloom's Level
BP104T.1	Recognize different classes of inorganic pharmaceuticals; understand the medicinal and pharmaceutical importance of same.	Remember, Understand
BP104T.2	Describe the major intra-extracellular electrolytes, physiological acid-base balance including concepts of acids, bases, buffers, isotonic solutions and apply knowledge of the same for the preparation of buffered isotonic solutions	Remember, Understand
BP104T.3	Enlist the sources of impurities in pharmaceutical products and describe the limit tests	Remember, Understand, Apply
BP104T.4	Classify and describe various inorganic pharmaceuticals like dental products, gastrointestinal agents, antimicrobials, antidotes, expectorants, emetics, haematinics and astringents.	Remember, Understand, Apply, Analyze
BP104T.5	Describe therapeutic and diagnostic role of radiopharmaceuticals including safety parameters to be followed while handling them	Remember, Understand, Apply, Analyze

COURSE: HUMAN ANATOMY AND PHYSIOLOGY - I PRACTICAL (BP107P)

CO No.	CO Statement	Bloom's Level
BP107P.1	Examine anatomical structures microscopically and evaluate physiological functions of different organ and systems.	Apply, Analyze, Evaluate, Create
BP107P.2	Interpret the values of blood practically and analyze for normal level of blood using different methods of hemocytometry.	Apply, Analyze, Evaluate, Create
BP107P.3	Analyze the function of heart by evaluating heart rate and blood pressure.	Apply, Analyze, Evaluate, Create

COURSE: PHARMACEUTICAL ANALYSIS - I PRACTICAL (BP108P)

CO No.	CO Statement	Bloom's Level
BP108P.1	Analyze qualitatively impurities in pharmaceuticals by performing limit tests.	Understand, Apply, Analyze, Evaluate
BP108P.2	Quantitatively analyze the pharmaceutical compounds by performing Pharmacopoeial assay and standardize the analytical solutions using principles of volumetric analysis.	Understand, Apply, Analyze, Evaluate
BP108P.3	Determine strength of analytical solutions by conductometry and potentiometry.	Understand, Apply, Analyze, Evaluate

COURSE: PHARMACEUTICS - I PRACTICAL (BP109P)

CO No.	CO Statement	Bloom's Level
BP109P.1	To prepare and evaluate formulations of syrups, elixirs, solutions and linctus.	Remember, Understand, Apply
BP109P.2	To prepare and evaluate formulations of suspensions, powders and granules and emulsions.	Remember, Understand, Apply
BP109P.3	To prepare and evaluate formulations of suppositories, semisolids gargles and mouthwashes.	Remember, Understand, Apply

COURSE: PHARMACEUTICAL INORGANIC CHEMISTRY PRACTICAL (BP110P)

CO No.	CO Statement	Bloom's Level
BP110P.1	Analyze the sample by performing limit tests and to carry out identification tests for inorganic cations and anions.	Understand, Apply, Analyze, Evaluate
BP110P.2	Synthesize inorganic compounds, calculate theoretical yield, follow safety measures, and monitor reaction; determine purity of sample by test for purity.	Apply, Analyze, Evaluate, Create
BP110P.3	Document the result, write journal, answer oral and written questions.	Analyze, Create