



College of Pharmaceutical  
Sciences and Drug Manufacturing  
A college accredited by "NAQAAE"



## PB 704

### COURSE DESCRIPTION:-

The course introduces the concepts of quality control, biochemical/pathophysiological changes and laboratory diagnostic markers for disorders of (endocrine gland, renal function, hepatic function, gastric function, bone and mineral metabolism, plasma proteins and lipoproteins), clinical enzymology and myocardial infarction, electrolytes, blood gases and acid-base balance. The students should learn about handling, preservation, storage and analysis of biological samples, homeostasis and biochemical aspects of hematology and blood analysis, urine analysis, tumor markers and recent diagnostic biomarkers (molecular biology techniques).

