

Course Outcomes

Pharmaceutics Theory

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
113T1	Describe about the different dosage forms and their formulation aspects
113T2	Explain the advantages, disadvantages, and quality control tests of different dosage forms.
113T3	Discuss the importance of quality assurance and good manufacturing practices
113T4	Dispense prescribed medication by following Good dispensing practices

Pharmaceutics Practical

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D51P1	Calculate the working formula from the given master formula
D51P2	Formulate the dosage form and dispense in an appropriate container
D51P3	Design the label with the necessary product and patient information
D51P4	Perform the basic quality control tests for the common dosage forms

Pharmaceutical Chemistry Theory

Upon successful completion of this course, the students will be able to

D12T1	Describe the chemical class, structure and chemical name of the commonly used drugs and pharmaceuticals of both organic and inorganic nature
D12T2	Discuss the pharmacological uses, dosage regimen, stability issues and storage conditions of all such chemical substances commonly used as drugs
D12T3	Describe the quantitative and qualitative analysis, impurity testing of the chemical substances given in the official monographs
D12T4	Identify the dosage form & the brand names of the drugs and pharmaceuticals popular in the marketplace

Pharmaceutical Chemistry Practical

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D52P1	Perform the limit tests for various inorganic elements and report
D52P2	Prepare standard solutions using the principles of volumetric analysis
D52P3	Synthesize and test the purity of the selected inorganic and organic compounds against the monograph standards
D52P4	Perform qualitative tests to systematically identify the unknown chemical substances

Pharmacognosy Theory

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D13T1	Identify the important/common crude drugs of natural origin
D13T2	Describe the uses of herbs in nutraceuticals and cosmeceuticals
D13T3	Discuss the principles of alternative system of medicines.
D13T4	Describe the importance of quality control of drugs of natural origin.

Pharmacognosy Practical

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D53P1	Identify the given crude drugs based on the morphological characteristics
D53P2	Take a transverse section of the given crude drug
D53P3	Describe the anatomical characteristics of the given crude drug under microscopical conditions
D53P4	Carry out the physical and chemical tests to evaluate the given crude drugs

Human anatomy and physiology Theory

Upon successful completion of this course, the students will be able to

D14T1	Describe the various organ systems of the human body
D14T2	Discuss the anatomical features of the important human organs and tissues
D14T3	Explain the homeostatic mechanisms regulating the normal physiology in the human system
D14T4	Discuss the significance of various vital physiological parameters of the human body

Human anatomy and physiology Practical

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D54P1	Perform the haematological tests in human subjects and interpret the results
D54P2	Record, monitor and document the vital physiological parameters of human subjects and interpret the results
D54P3	Describe the anatomical features of the important human tissues under the microscopical conditions
D54P4	Discuss the significance of various anatomical and physiological characteristics of the human body

Social Pharmacy Theory

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D15T1	Discuss about roles of pharmacists in the various national health programs
D15T2	Describe various sources of health hazards and disease preventive measures
D15T3	Discuss the healthcare issues associated with food and nutritional substances
D15T4	Describe the general roles and responsibilities of pharmacists in public health

Social Pharmacy Practical

Upon successful completion of this course, the students will be able to

CO No.	Course Outcome
D55P1	Describe the roles and responsibilities of pharmacists in various National health programs
D55P2	Design promotional materials for public health awareness & Provide first aid for various emergency conditions
D55P3	Describe various health hazards including microbial sources
D55P4	Advice on preventive measures for various diseases

