

B. Pharm. Semester-VIII

COs	Statement
BIOSTATISTICS AND RESEARCH METHODOLOGY (BP801TT)	
801.1	Ability to understand basic of Biostatistics. Ability to calculate central tendency, Measures of dispersion, and Correlation
801.2	Ability to understand fundamentals of Regression, Probability and t-test, ANOVA. And ability to decide hypothesis, calculate t-test and ANOVA in Parametric test
801.3	Able to decide difference between Parametric and Nonparametric test and calculate provided nonparametric tests.
801.4	Can understand basic requirements of Research, Graphs and design Methodology.
801.5	Able to apply theoretical aspects of regression modeling, and use of statistical analysis tools
801.6	Able to apply theoretical aspects of Factorial Design and Response Surface methodology
SOCIAL AND PREVENTIVE PHARMACY (BP802TT)	
802.1	Recognize the concepts and evaluation of public health, Relate food to nutrition health, balanced diet, deficiencies and its prevention
802.2	Identify avoidable habits for personal hygiene and health, Illustrate sociocultural factors and its relation with health
802.3	Explain the principles on the prevention and control of communicable and non-communicable diseases
802.4	Identify National health programs for various diseases and disability, its objectives functioning and outcomes
802.5	Identify various National health programmes for overall family well being, learn about WHO role in Indian national programmes
802.6	Recognize the community services in rural, urban and school health
PHARMACEUTICAL REGULATORY SCIENCE (BP804TT)	
804.1	Understand the basics of New Drug Discovery and development.
804.2	Knowledge about Regulatory Approval Process like IND, AND, ANDA.
804.3	To know about Regulatory authorities and agencies in India and globally.
804.4	To understand Registration of Indian drug product in overseas market.
804.5	Able to understand Developing clinical trial protocols, its working procedure and its monitoring
804.6	Understand various approaches of Basic terminology of regulatory concepts.
COSMETIC SCIENCE (BP809TT)	
809.1	Understand various Classifications of cosmetic, cosmeceutical products and Cosmetic excipients.
809.2	To understand the concepts of Principles of formulation and building blocks of skin care products, Antiperspirants and deodorants.
809.3	Knowledge about Principles of formulation and building blocks of Hair care products and oral care products.

809.4	Able to understand Sun protection, Sun protection factor, Classification of Sunscreens and Analytical cosmetics.
809.5	Explain Principles of Cosmetic Evaluation
809.6	To take knowledge Basic understanding of the terms and Cosmetic problems associated with Hair, scalp and skin
PROJECT WORK (BP813PP)	
813.1	Apply concepts of pharmaceutical sciences for executing the project
813.2	Apply appropriate research methodology while formulating a project
813.3	Able to develop planning ability with innovative techniques in project
813.4	Define specifications, synthesize, analyse, develop and evaluate a project
813.5	Able to communicate scientific results in writing and in oral presentation.
813.6	Able to work in a team so as to involve in interdisciplinary research projects in pharmacy.