

ESTD -2006



# KONKAN GYANPEETH RAHUL DHARKAR COLLEGE OF PHARMACY AND RESEARCH INSTITUTE, KARJAT

(Approved by AICTE &amp; P.C.I. (New Delhi), D.T.E. (Govt. of MS) &amp; Affiliated to University of Mumbai &amp; MSBTE )

## Revised Choice Based Credit System (R-CBCS) SEM VII

Sr.No.	Code	Name of Subject	Course outcome
58	BP701T	INSTRUMENTAL METHODS OF ANALYSIS	1. Student shall be able to understand the interaction of matter with electromagnetic radiations and its applications in drug analysis .
			2. Student shall be able to understand the chromatographic separation and analysis of drugs
			3. Student shall be able to perform quantitative & qualitative analysis of drugs using various analytical instruments.
59	BP702T	INDUSTRIAL PHARMACY II	1.Student shall be able to know the process of pilot plant and scale up of pharmaceutical dosage forms
			2. Student shall be able to understand the process of technology transfer from lab scale to commercial batch
			3. Student shall be able to know different Laws and Acts that regulate pharmaceutical industry
			4. Student shall be able to understand the approval process and regulatory requirements for drug products
60	BP703T	PHARMACY PRACTICE	1. Student shall be able to know various drug distribution methods in a hospital
			2. Student shall be able to appreciate the pharmacy stores management and inventory control
			3. Student shall be able to monitor drug therapy of patient through medication chart review and clinical review
			4. Student shall be able to obtain medication history interview and counsel the patients
			5. Student shall be able to identify drug related problems.
			6. Student shall be able to detect and assess adverse drug reactions .
			7. Student shall be able to interpret selected laboratory results (as monitoring parameters in therapeutics) of specific disease states.
			8. Student shall be able to know pharmaceutical care services
			9. Student shall be able to do patient counseling in community pharmacy
			10. Student shall be able to appreciate the concept of Rational drug therapy.

61	BP704T	NOVEL DRUG DELIVERY SYSTEMS	1.Student shall be able to understand various approaches for development of novel drug delivery systems.
			2. Student shall be able to understand the criteria for selection of drugs and polymers for the development of Novel drug delivery systems, their formulation and evaluation
62	BP705P	INSTRUMENTAL METHODS OF ANALYSIS LAB	1.Student shall be able to understand determination of absorption maxima and effect of solvents on absorption maxima of organic compounds
			2.Student shall be able to understand determination of sodium and potassium by flame photometry
			3. Student shall be able to understand estimation of dextrose and sulphanilamide by colorimetry
			4. Student shall be able to understand separation of amino acids by paper chromatography
			5.Student shall be able to understand separation of sugars by thin layer chromatography
63	BP706PS	PRACTICE SCHOOL	1.Student shall be able to acquire knowledge and skills of pharmacy practice.
			2.Student shall be able to understand report writing.
			3. Student shall be able to develop communication skills.