M.PHARMACY PHARMACEUTICS(R-CBCS)SEM II

Sr.No.	Code	Name of Subject	Course outcome
6	MPH 201T	**MOLECULAR PHARMACEUTICS (NANO TECHNOLOGY & TARGETED DDS) (NTDS)**	1.Student shall be able to know he 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 NTDS.
			3. Student shall be able to the formulation and evaluation of novel drug delivery systems.
7	MPH 202T	**ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS**	1.Student shall be able to understand the basic concepts in biopharmaceutics and pharmacokinetics.
			2.Student shall be able to understand the use raw data and derive the pharmacokinetic models and parameters the best describe the process of drug absorption, distribution, metabolism and elimination
			3.Student shall be able to understand the critical evaluation of biopharmaceutic studies involving drug product equivalency.
			4.Student shall be able to understand the design and evaluation of dosage regimens of the drugs using pharmacokinetic and biopharmaceutic parameters
			5.Student shall be able to understand the potential clinical pharmacokinetic problems and application of basics of pharmacokinetic
8	MPH 203T	**COMPUTER AIDED DRUG DEVELOPMENT**	1.students will be able to understand History of Computers in Pharmaceutical Research and Development
			2. students will be able to understand Computational Modeling of Drug Disposition
			3. students will be able to understand Computers in Preclinical Development
			4.students will be able to understand Optimization Techniques in Pharmaceutical Formulation
			5.students will be able to understand Computers in Market Analysis
			6.students will be able to understand Computers in Clinical Development
			7. students will be able to understand Artificial Intelligence (AI) and Robotics
			8.students will be able to understand Computational fluid dynamics(CFD)
9	MPH 204T	**COSMETICS AND COSMECEUTICALS**	1.Students shall be able to understand key ingredients used in cosmetics and cosmeceuticals.
			2.Students shall be able to understand key building blocks for various formulations.
			3.Students shall be able to understand current technologies in the market
			4. Students shall be able to understand various key ingredients and basic science to develop cosmetics and cosmeceuticals.
			5.Students shall be able to understand scientific knowledge to develop cosmetics and cosmeceuticals with desired Safety, stability, and efficacy.
10	MPH205P	**PHARMACEUTICS PRACTICALS - II**	1. Students shall be able to know formulation and evaluation of gelatin /albumin microspheres, liposomes/niosomes, spherules.
			2.Students shall be able to know Pharmacokinetic and IVIVC data analysis by Winnoline R software,DoE Using Design Expert® Software,g Design Expert® Software