



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

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

M.PHARMACY PHARMACOLOGY (R-CBCS)SEM II

Sr.No.	Code	Name of Subject	Course outcome
6	MPL 201 T	ADVANCED PHARMACOLOGY - II	1.Student shall be able to explain the mechanism of drug actions at cellular and molecular level. 2.Student shall be able to discuss the Pathophysiology and pharmacotherapy of certain diseases. 3.Student shall be able to understand the adverse effects, contraindications and clinical uses of drugs used in treatment of diseases
7	MPL 202 T	PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS-II	1. Student shall be able to explain the various types of toxicity studies 2.Student shall be able to appreciate the importance of ethical and regulatory requirements for toxicity studies 3.Student shall be able to demonstrate the practical skills required to conduct the preclinical toxicity studies
8	MPL 203 T	PRINCIPLES OF DRUG DISCOVERY	1 Student shall be able to explain the various 2.Student shall be able to appreciate the importance of the role of genomics, proteomics and bioinformatics in drug discovery 3.Student shall be able to explain various targets for drug discover 4.Student shall be able to explain various lead seeking method and lead optimization 5.Student shall be able to appreciate the importance of the role of computer aided drug design in drug
9	MPL 204T	CLINICAL RESEARCH AND PHARMACOVIGILANCE	1.Student shall be able to explain the regulatory requirements for conducting clinical trial. 2.Student shall be able to demonstrate the types of clinical trial designs. 3.Student shall be able to explain the responsibilities of key players involved in clinical trials 4.Student shall be able to execute safety monitoring, reporting and close-out activities 5.Student shall be able to explain the principles of Pharmacovigilance 6.Student shall be able to detect new adverse drug reactions and their assessment 7.Student shall be able to perform the adverse drug reaction reporting systems and communication in Pharmacovigilance
10	MPL 205 P	PHARMACOLOGICAL PRACTICAL - II	1.Student shall be able to record the DRC of agonist using suitable isolated tissues preparation. 2.Student shall be able to determine to the strength of unknown sample by matching bioassay by using suitable tissue preparation. 3. Student shall be able to study the effects of various drugs on isolated heart preparations