

# DEPARTMENT OF PHARMACOLOGY

## PROGRAMME OUTCOMES:

At the end of the course the student shall be able to:

P.O.1. Describe the pharmacokinetics and pharmacodynamics of essential and commonly used drugs in general and in dentistry in particular.
P.O.2. List the indications, contraindications; interactions, and adverse reactions of commonly used drugs with reason.
P.O.3. Tailor the use of appropriate drugs in disease with consideration to its cost, efficacy, safety for individual and mass therapy needs.
P.O.4. Indicate special care in prescribing common and essential drugs in special medical situations such as pregnancy, lactation, old age, renal, hepatic damage and immune compromised patients.
P.O.5. Integrate the rational drug therapy in clinical pharmacology.
P.O.6. Indicate the principles underlying the concepts of "Essential drugs".

## COURSE OUTCOMES:

At the end of the course the student shall be able to:

C.O.1. Prescribe drugs for common dental and medical ailments.
C.O.2. Appreciate adverse reactions and drug interactions of commonly used drugs.
C.O.3. Observe experiments designed for study of effects of drugs.
C.O.4. Critically evaluate drug formulations and be able to interpret the clinical pharmacology of marketed preparations commonly used in dentistry.
C.O.5. INTEGRATION: Practical knowledge of use of drugs in clinical practice will be acquired through integrated teaching with clinical departments.