

BP 507 P. PHARMACOLOGY-II (Practical)

Practicals Syllabus:

4 Hours / Week

S. No.	PRACTICALS
1.	To study the Introduction to in-vitro pharmacology and physiological salt solutions.
2.	To study the Effect of drugs on isolated frog heart.
3.	To study the Effect of drugs on blood pressure and heart rate of dog.
4.	To Study the diuretic activity of drugs using rats/mice.
5.	To study the DRC of acetylcholine using frog rectus abdominis muscle.
6.	To study the Effect of physostigmine and atropine on DRC of acetylcholine using frog rectus abdominis muscle and rat ileum respectively.
7.	To study the bioassay of histamine using guinea pig ileum by matching method.
8.	To study the bioassay of oxytocin using rat uterine horn by interpolation method.
9.	To study the bioassay of serotonin using rat fundus strip by three point bioassay.
10.	To study the bioassay of acetylcholine using rat ileum/colon by four point bioassay.
11.	To determine the PA ₂ value of prazosin using rat anococcygeus muscle (by Schild's plot method).
12.	To determine the PD ₂ value using guinea pig ileum.
13.	To study the effect of spasmogens and spasmolytics using rabbit jejunum.
14.	To study the Anti-inflammatory activity of drugs using carrageenan induced paw-edema model.
15.	To study the Analgesic activity of drug using central and peripheral methods