

BP 608 P. PHARMACOLOGY-III (Practical)

Practicals Syllabus:

4 Hours / Week

S. No.	PRACTICALS
1.	To study the dose calculation in pharmacological experiments.
2.	To perform the Antiallergic activity by mast cell stabilization assay.
3.	To Study the anti-ulcer activity of a drug using pylorus ligand (SHAY) rat model and NSAIDS induced ulcer model.
4.	To Study the effect of drugs on gastrointestinal motility.
5.	To Study the effect of agonist and antagonists on guinea pig ileum.
6.	To Study the estimation of serum biochemical parameters by using semi- autoanalyser.
7.	To Study the effect of saline purgative on frog intestine.
8.	To Study the Insulin hypoglycemic effect in rabbit.
9.	To perform the test for pyrogens (rabbit method).
10.	To determine the acute oral toxicity (LD50) of a drug from a given data.
11.	To determine the acute skin irritation / corrosion of a test substance.
12.	To determine the acute eye irritation / corrosion of a test substance.
13.	To calculate the pharmacokinetic parameters from a given data.
14.	To perform the biostatistics methods in experimental pharmacology (student's test, ANOVA)
15.	To perform the biostatistics methods in experimental pharmacology (Chi square test, Wilcoxon Signed Rank test)