

BP 408 P. PHARMACOLOGY-I (Practical)

Practicals Syllabus:

4 Hours / Week

S. No.	PRACTICALS
1.	To study the introduction to experimental pharmacology.
2.	To study the commonly used instruments in experimental pharmacology.
3.	To study the Study of common laboratory animals.
4.	To study the maintenance of laboratory animals as per CPCSEA guidelines.
5.	To study the common laboratory techniques like Blood withdrawal, serum and plasma separation, anesthetics and euthanasia used for animal studies.
6.	To study the different routes of drugs administration in mice/rats.
7.	To study the effect of hepatic microsomal enzyme inducers on the phenobarbitone sleeping time in mice.
8.	To study the effect of drugs on ciliary motility of frog oesophagus.
9.	To study the effect of drugs on rabbit eye.
10.	To study the effect of skeletal muscle relaxants using rota-rod apparatus.
11.	To study the effect of drugs on locomotor activity using actophotometer.
12.	To study the anticonvulsant effect of drugs by MES and PTZ method.
13.	To study the stereotype and anti-catatonic activity of drugs on rats/mice.
14.	To study the anxiolytic activity of drugs using rats/mice.
15.	To study the local anesthetics by different methods.