

**List of Practical's
6th Semester**

BP607P Medicinal chemistry III – Practical

Sl. No.	List of the Experiment
1	Preparation of 2,4,5-triphenyl imidazole
2	Preparation of chlorobutanol
3	Preparation of 7-hydroxy-4-methyl coumarin
4	Preparation of hexamine
5	Assay of isoniazid tablets by bromometry titration
6	Assay of metronidazole tablets by non-aqueous titration
7	Assay of chloroquine phosphate tablets by non-aqueous titration
8	Assay of chlorpheniramine maleate tablets (IP)
9	Assay of dapsone by diazotization
10	Assay of benzyl penicillin
11	Preparation of phenothiazine by microwave oven
12	Preparation of phenytoin by microwave oven
13	Drawing structure and reactions using ChemDraw
14	Determination of physicochemical properties

BP608P Pharmacology III– Practical

Sl. No.	List of the Experiment
1	Guidelines on dosage calculation and stock solution preparation in experimental animal studies
2	Anti-allergic activity by mast cell stabilization assay
3	Study of anti-ulcer activity of a drug using pylorus ligation (Shay rat) model
4	Study of anti-ulcer activity of a drug using NSAID-induced ulcer in rats
5	Study of effect of drugs on gastrointestinal motility
6	Effect of drugs on gastrointestinal motility
7	Estimation of serum biochemical parameters using semi-auto analyzer
8	Effect of saline purgative on frog
9	Insulin hypoglycemic effect in rabbit
10	Test for pyrogen in rabbit
11	To perform acute skin irritation test

BP609P Herbal Drug Technology – Practical

Sl. No.	List of the Experiment
1	Preliminary phytochemical screening of aqueous/alcoholic extract of different crude drugs
2	Determination of alcohol content of Asava and Arista
3	Evaluation of excipients of natural origin
3.1	Tragacanth
3.2	Acacia
3.3	Starch
3.4	Honey
4	Preparation and evaluation of turmeric cream
5	Preparation and standardization of herbal lotion
6	Preparation and standardization of methi–shikakai shampoo
7	Preparation and evaluation of orange syrup (BPC)
8	Preparation and evaluation of churna mixture
9	Preparation and evaluation of tablet
10	Monograph analysis of castor oil (acid value, saponification value, refractive index)
11	Determination of aldehyde content
12	Determination of phenol content
13	Determination of total alkaloids