

BP406P. MEDICINAL CHEMISTRY – I (Practical)

Practicals Syllabus:

4 Hours / Week

S. No.	PRACTICALS
I	Preparation of drugs/ intermediates
1.	To prepare the 1,3-pyrazole intermediate.
2.	To prepare the 1,3-oxazole intermediate.
3.	To prepare the Benzimidazole intermediate.
4.	To prepare the Benztriazole intermediate.
5.	To prepare the 2,3- diphenyl quinoxaline intermediate.
6.	To prepare the Benzocaine drug.
7.	To prepare the Phenytoin drug.
8.	To prepare the Phenothiazine drug.
9.	To prepare the Barbiturate drug.
II	Assay of drugs
10.	To perform the assay of Chlorpromazine drug.
11.	To perform the assay of Phenobarbitone drug.
12.	To perform the assay of Atropine drug.
13.	To perform the assay of Ibuprofen drug.
14.	To perform the assay of Aspirin drug.
15.	To perform the assay of Furosemide drug.
III	Determination of Partition coefficient for any two drugs
16.	To determine the Partition coefficient of given drug. (Drug -1)
17.	To determine the Partition coefficient of given drug. (Drug -2)