

**(B. Pharm)**  
**(Semester - IV)**

L	T	P	C
-	-	4	2

<b>Course Code</b>	<b>BP406P</b>
<b>Course Title</b>	<b>Medicinal Chemistry I - Practical</b>

**Syllabus:**

**Teaching hours: 60 Hours**

**I. Preparation of drugs/ intermediates:**

1. 1,3-pyrazole
2. 1,3-oxazole
3. Benzimidazole
4. Benzotriazole
5. 2,3- diphenyl quinoxaline
6. Benzocaine
7. Phenytoin
8. Phenothiazine
9. Barbiturate

**II. Assay of drugs:**

1. Chlorpromazine
2. Phenobarbitone
3. Atropine
4. Ibuprofen
5. Aspirin
6. Furosemide

**III. Determination of Partition coefficient for any two drugs**

L= Lecture, T= Tutorial, P= Practical, C= Credit

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