

(B. Pharm)
(Semester - VI)

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Course Code	BP607P
Course Title	Medicinal Chemistry III - Practical

Syllabus:

Teaching hours: 60 Hours

IV. Preparation of drugs/ intermediates:

1. Sulphanilamide
2. 7-Hydroxy, 4-methyl coumarin
3. Chlorobutanol
4. Triphenyl imidazole
5. Tolbutamide
6. Hexamine

V. Assay of drugs:

1. Isonicotinic acid hydrazide
2. Chloroquine
3. Metronidazole
4. Dapsone
5. Chlorpheniramine maleate
6. Benzyl penicillin

VI. Preparation of medicinally important compounds or intermediates by Microwave irradiation technique

VII. Drawing structures and reactions using ChemDraw®

VIII. Determination of physicochemical properties such as logP, clogP, MR, Molecular weight, Hydrogen bond donors and acceptors for class of drugs course content using drug design software Drug likeliness screening (Lipinski RO5)
