

COURSE OBJECTIVES AND COURSE OUTCOMES

T. Y. B. Sc. SEMESTER - V

CHEMISTRY APPLIED PRACTICALS

SUBJECT: DRUGS AND DYES PRACTICAL

Sr. No.	Course Objectives	Course Outcomes
1)	To study practical aspects of acetylation process	Learner will gain hands on experience to synthesise aspirin
2)	To learn back titration method	This will enable students in quantitative determination of drug ibuprofen
3)	To study use of titration method for measuring efficacy of drugs	They will learn to estimate acid neutralizing capacity of an antacid
4)	To expose students to the practical applications of paper chromatography	Learner will be able to independently separate natural pigments by paper chromatography
5)	To give students actual experience in dyeing	Students will learn dyeing techniques for Orange II dye on different fabrics

T. Y. B. Sc. SEMESTER - VI

SUBJECT: CHEMISTRY APPLIED PRACTICALS

Sr. No.	Course Objectives	Course Outcomes
1)	To study methylation of beta naphthol	Students will learn to synthesise neroline
2)	To study practical aspects of acetylation process	Learner will gain hands on experience to synthesise paracetamol
3)	To introduce students to synthesis of a commercial dye	Students will get hands on practice to synthesise fluorecine
4)	To expose students to the practical applications of thin layer chromatography	Learner will be able to independently separate mixture of dyes by thin layer chromatography
5)	To expose students to preparation of monogram	They will get practical experience of preparation of monogram of a drug by I.P. method