

SYLLABUS :-

Prerequisite : CY29004 Separation techniques: Chromatography (thin-layer and column); fractional distillation, Isolation of Eugenol from cloves by steam distillation. Perkin Reaction of Salicylaldehyde, Cannizzaro reaction of Furfural, Synthesis of o-Iodobenzoic acid, iodoxybenzoic acid, benzilic acid and m-Nitrobenzoic acid and characterization by UV, IR and NMR Aldol condensation, Diels-alder reaction, Williamson ether synthesis, Preparation of Diacetone D-glucose, Tetraphenylcyclopentadienone from benzoin.