

**CH14406CR Advanced Laboratory Course in Organic Chemistry
(Consolidated Syllabus for 2018 batch due to CIVID-19 situation)**

No. of Days		Practical's
Day 1	Forenoon	Assignment of seats Assignment and identification of glassware Washing of glassware
	Afternoon	Preparation of TLC Plates. & preparation of Mobile phases and TLC analysis of three pure compounds
Day 2	Forenoon	Preparation of Mobile phases TLC of 2 component mixture & TLC of Amino acids, column packing/ preparation of slurry for column Chromatography
	Afternoon	Column Chromatography For isolation of two component system
Day 3	Forenoon	Preparation of Mobile phases TLC of 2 component mixture Paper chromatography of binary mixture of amino acids
		Isolation of citric acid from lemon
Day 4	Forenoon	Preparation of Mobile phases TLC of 2 component mixture Paper chromatography of binary mixture of amino acids
		Isolation of beta carotene & lycopene from tomato with respective separation via column chromatography
Day 5	Forenoon	Column Chromatography Continue.....
	Afternoon	Preparation of Mobile phases TLC of 2 component mixture Paper chromatography of binary mixture of amino acids
Day 6	Forenoon	Isolation of caffeine from tea leaves
	Afternoon	Continue the experiment... TLC analysis of organic mixture..
Day 7	Forenoon to evening	Synthesis of local anesthetic agent (benzocaine)
		Continue
Day 8		Three step synthesis, of Sulphonamide & P-Amino- benzene sulphonamide
		Continue...
Day 9	Forenoon	Preparation of Benzanilide
		IR , MP of all synthesized compounds
Day 10	Forenoon	Continue
		continue
Day 11	Exam	exam
Day 12	Exam	exam