

INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

Organic Chemistry Laboratory (CH 523)

Course Instructor: Dr. Chandrakumar Appayee

Credits: 2

Exp. No.	List of Experiments
1	Aldol reaction: Synthesis of dibenzylideneacetone
2	Acetylation of alcohol: Synthesis of aspirin from salicylic acid
3	Synthesis of ester: methyl salicylate from aspirin
4	Synthesis of Fluorescein, a classic fluorescent dye
5	Reduction of ketone: NaBH_4 reduction of benzophenone
6	Synthesis of Chalcone by the mechanical grinding method
7	Diels-Alder reaction: Anthracene and maleic anhydride
8	Extraction: Separation of an Acidic, a Basic and a Neutral Substance
9	Interpretation of IR spectra of organic molecules
10	Interpretation of NMR spectra of organic molecules