



MANGALORE UNIVERSITY

DEPARTMENT OF CHEMISTRY

M. SC. ORGANIC CHEMISTRY

OC P 509: Organic Chemistry Practicals – V

COURSE OUTCOME:

Enable the students:

- To acquire in-depth knowledge and skill on separation and purification of ternary mixture of organic compounds,
- Identification and qualitative analysis of the individual compounds of the mixture,
- Characterization by derivatization,
- Recording physical constant, TLC and spectral techniques.

Separation, purification, analysis and derivatization of ternary mixture of organic compounds, Identification, separation and qualitative analysis of the individual compounds and preparation of suitable derivative for each component, identification of derivative by m.p., TLC and spectral techniques.

References:-

1. Elementary Practical Organic Chemistry-Vol. III: quantitative Organic Analysis- A.I Vogel
2. Vogel's Text Book of Practical Organic Chemistry- Furniss et al. (ELBS, London)1978.
3. Experimental Organic Chemistry- Vol. I &II- P.R. Singh (Tata McGraw-Hill) 1981.
4. Practical Organic Chemistry- IV Ed- Dey &.Sitaraman (Allied)
5. Laboratory Experiments in Organic Chemistry-Adam, Johnson & Wicon (McMillan, London) 1979.
6. Experimental Organic Chemistry- H. D. Durst & G. E. Goke (McGraw-Hill)1980