

MANGALORE UNIVERSITY
Department of Biosciences
M.Sc. Food Science and Nutrition

FNP 460 ANALYTICAL TECHNIQUES IN FOOD SCIENCE

Course outcome:

- Understand chromatographic and immunological techniques used to identify different compounds.
- Identify the activity of enzymes considering various factors
- Handle spectrophotometer and its application
- Estimate and isolation of organic acids and nucleic acids respectively.

- 1) Factors affecting enzyme activity
- 2) Chromatographic techniques - paper, TLC, Column
- 3) Estimation of organic acids
- 4) Verification of Beer Lambert's Law
- 5) Isolation of DNA /RNA
- 6) Immunological techniques

