

BIOCHEMISTRY (BS-ADP 8th Semester)

Module Code:	Chem-479
Module Title:	Bio Chemistry Lab - I
Name of scheme:	BS-ADP 8th Semester
Department:	School of Chemistry
Faculty:	Science
Module Type:	Compulsory
Module Rating:	1 credit

OBJECTIVE

This study will assist students for qualitative and quantitative determination of different lipids. It will also help to extract lipids from animal and plant sources. Students will be able to learn acid value, saponification value and Iodine value of fats.

SYLLABUS OUTLINES

- Qualitative tests for lipids and fatty acids, sterols and phospholipids.
- Extraction and Thin layer chromatography (TLC) of Lipids from animal and plant sources.
- Acid value, saponification Value and Iodine Value of fats.

RECOMMENDED BOOKS

1. Modern Experimental Biochemistry by R. F. Boyer 3rd ed, 2000, Pub: Pearson Education Inc.
2. Practical clinical Biochemistry by Varley. Pub: CBS-ADP publisher
3. An Introduction to Practical Biochemistry by D. T. Plummer 3rd Ed. (1987) Pub: McGraw Hill
4. Fundamentals of Microbiology. By E. Aicamo 1994 Publisher; Benjamin- Cummings Publishing Co.
5. Varleys Practical Clinical Biochemistry 6th Edition (English, Hardcover, Alan H. Gowenlock)