

ORGANIC CHEMISTRY (BS-ADP 8th Semester)

Module Code:	Chem-462
Module title:	Organic Chemistry Lab - III
Name of Scheme:	BS-ADP 8th Semester
Department:	School of Chemistry
Faculty:	Science
Module Type:	Compulsory
Module Rating:	1 Credit

OBJECTIVES:

To gain experimental skills for separation and identification of three components in a mixture of unknown compounds via systematic physical and chemical tests.

SYLLABUS OUTLINES:

1. Qualitative analysis

Three component organic mixture analysis (separation and identification of the unknown components). Recrystallization and Derivatizations

RECOMMENDED BOOKS:

1. The Systematic Identification of Organic Compounds (8th Ed.) by R.L. Shriner et al., Wiley, 2003.
2. Practical Organic Chemistry by F.G. Mann and B.C. Saunders, Longman, UK. 1978.
3. Vogel's Textbook of Practical Organic Chemistry (5th Ed.) by A.I. Vogel et al. Longman, UK, 1989.
4. Advanced Practical Organic Chemistry, by J. Leonard, B. Lygo, G. Procter, CRC. 1994.
5. Advanced Practical Organic Chemistry (2nd Ed.) by N.K. Vishnoi, Vikas Publishing House Pvt. Ltd. India, 1996.