



Code	Subject Title	Cr. Hrs	Semester
CHEM-306	Organic Chemistry Lab	2	V
Year	Discipline		
3	Chemistry-I, II		

SYLLABUS OUTLINE:**1. Organic Preparations:**

Benzyl alcohol; Ethyl benzene; benzoic acid, p-Nitrophenol, acetophenone oxime, acetophenone arylHydrazone.

2. Quantitative and Qualitative Analysis of Organic compounds:

Estimation of glucose, and Number of acetyl groups, two component mixture analysis.

RECOMMENDED BOOKS:

1. Practical Organic Chemistry by F. G. Mann and B. C. Saunders, Longman, UK, 1978.
 2. Vogel's Textbook of Practical Organic Chemistry (5th ed.) by A.I. Vogel, A.R. Tatchell, B.S. Furnis, A.J. Hannaford, P.W.G. Smith, 1989, Longman UK, 1989.
 3. The Systematic Identification of Organic Compounds, (8th ed.) by Ralph L. Shriner et al., Wiley, 2003.
 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.
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