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Code	Subject Title	Cr. Hrs	Semester
CHEM-318	Organic Chemistry Lab	2	VI
Year	Discipline		
3	Chemistry-I, II		

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

Synthesis of compounds containing nitro, halogeno, amino, carboxylic and carbonyl functionalities (depends upon the availability of chemicals).

**2. Quantitative and Qualitative Analysis of Organic compounds:**

Physical/ Chemical separation of mixture containing two compounds, identification and derivitization.

**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, 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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