



	<p>action mediated by eicosanoids, eicosanoids approved for human clinical use.</p> <p>iv. Diagnostic agents: Radiopharmaceuticals, Radiological contrast media (diphenoxylate, diatrizoic acid, sodium iothalamate)</p>	<b>2</b>
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### **Medicinal Chemistry – I – Practical 3 hr/week:**

1. Organic spotting of solid-solid binary mixtures including eutectic mixture.
2. Synthesis of some organic compounds including some heterocyclic compounds.
3. Workshops on stereo models using some selected drugs

### **References Books:**

1. J. N. Delgado and W. A. R. Remers, edn, Wilson and Giswolds Textbook of organic medicinal and pharmaceutical chemistry, J. Lippincott Co. Philadelphia
2. W. C. Foye, Principles of medicinal chemistry, Lea and febiger, Philadelphia
3. H. E. Wolff, edn, Burgers Medicinal chemistry, John Wiley and sons, New York
4. Daniel Lednicer, Strategies for organic drug synthesis and design, John Wiley and Sons USA
5. B. N. Ladu, H. G. Mandel and E. L. Way. Fundamentals of drug metabolism and disposition. William and Willkins co. Baltimore
6. I. L. Finar. Organic chemistry Vol. I and Vol. II. ELBS/Longman, London
7. Vogels Text books practical organic chemistry, ELBS/Longman, London
8. Mann and Saunders, Practical organic chemistry, Orient Longman, UK
9. Shriner, Hermann, Morill, Curtin and Fusion. The systematic identification of organic compounds, John Wiley and Sons