

Chemistry Students

Paper : 2 Chemistry Research Methodology

Unit- 1 Instrumental Analyses :-

- Principles and Applications of Instrumental Analyses
- Selection of the right instrumental method

Unit-2 Green Chemistry :-

- Twelve principles with illustrations
- Use of green chemistry in solving industrial

Unit-3 Literature Search :-

- Name of International Journals (Published outside India) four names each from Inorganic, Organic, Physical, Analytical Chemistry
- Chemical Abstracts, Indices like key word index, Subject index, Chemical formula index, Author index, Decennial index
- Monographs , Reviews, Encyclopaedias, Marck index, Perrys Handbook for Engineers, Indian pharmacopoeia, Pharmaceutical codex , ASTM, B I standard , CRC Handbook
- Idea of Impact factor , Citation Index , ISSN , ISBN.

Unit-4 Chemistry Softwares Application :-

- Common Softwares used in chemistry
- Chem sketch , Chem , Draw , Hyper Chem , Chembi Draw , ISIS Draw , PASS , Gaussian , Sigma plot C.