Program outcomes of Chemistry

Hons Level teaching

1. To understand the fundamental principles, theories, scientific reasoning to solve problems of organic chemistry, inorganic chemistry, analytical chemistry and physical chemistry.
2. The student pursuing this course would be able to develop in depth understanding of various aspects of chemistry.
3. To develop research oriented mind setup and to aware about the current and recent scenario in research of chemistry.
4. To develop analytical ability of independent thinking.
5. To learn about the research skill of chemistry, including proper maintenance of laboratory notebook and record keeping skills, recognizing hazards, minimizing risks and safe laboratory practice.
6. To help to build up progressive and successful career in chemistry.
7. To enrich knowledge through various out field programmes such as industrial visit, projects, magazines, attending seminars to train students in skill related to chemistry for academic and industrial requirements.

General Level teaching

1. To gain knowledge of chemistry through theory and practical experiments.
2. To learn nomenclature, stereochemistry, structures, reactivity and mechanism of chemical reactions.
3. To identify chemical formulae and solve numerical problems.
4. To learn and understand the basic and practical chemistry through various laboratory experiments.
5. Use of chemical tools, models, equipment and learn the handle of sophisticated instruments.
6. To develop research oriented skills.
7. Understanding good laboratory practices and safety.