

Course outcome
(2025)
Department of Chemistry
Handique Girls' College

Course Outcome: On successful completion of three semesters under the four-year undergraduate programme (FYUGP, NEP-2020), students have gained concepts related to atomic and molecular structure, chemical bonding, periodicity and states of matter. Students have learnt how to work in a chemical laboratory following standard safety protocols. Further, the concepts of coordination chemistry and the reactive intermediates. They have well understood chemistry from a thermodynamic point of view. Students have acquired training on quantitative analysis, synthesis of coordination compounds, qualitative analysis of organic compounds and measurement of a few basic thermodynamic parameters. In the third semester of the course, they have learnt the concepts of acids/bases as well as an overview of principles of redox chemistry, solutions and their properties. Students have also learnt purification of organic compounds. Further experiments on acid/base and redox titrations enabled the students to consolidate their skills on quantitative analysis. Physical chemistry experiments were introduced the students to physical property measurements and kinetics of chemical reactions.

Bloom Taxonomy Diagram:

