



Bachelor of Chemistry Program [B.Sc. Chemistry]

(Graduate Attributes)

- 1 Knowledge and Understanding:** Possessing in-depth knowledge and understanding of various disciplines of chemistry like analytical chemistry, physical chemistry, inorganic chemistry, and organic chemistry.
- 2 Problem Solving Skills:** Having the ability to critically analyze and apply the knowledge and basic principles of various disciplines of chemistry in solving problems and making decisions during daily chemistry practice.
- 3 Research Skills:** Practicing research techniques to solve problems in the various disciplines of chemistry.
- 4 Practical and Physical Skills:** Performing complex practical experiments in the field of chemistry, taking into consideration the proper usage of available resources and application of safety measures.
- 5 Communication Skills:** Communicating effectively with chemistry and chemical communities and society through writing effective reports, making effective presentations.
- 6 Information Technology Skills:** Having the ability to use a variety of information technology tools and applications to support Chemistry related research.
- 7 Ethics:** Demonstrating integrity, professional and academic ethics and commitment to citizenship principles while employing in chemical fields.
- 8 Teamwork:** Work professionally in teams, provide leadership, creating a conducive and inclusive environment.
- 9 Autonomy and Personal Development:** Mastering self-learning skills required for life-long learning and professional development in the various disciplines of chemistry

