

## **M.Sc (Regular) NEP**

### **Program Learning Outcome**

The learning outcomes of a M.Sc. (Inorganic Chemistry) course are designed to equip students with a comprehensive and advanced understanding of the field of chemistry. These learning outcomes reflect the knowledge, skills, and competencies that students are expected to gain upon successful completion of the program.

### **Program Specific Outcome**

1. To make the learners acquainted with advanced concepts in the branch of chemistry, scrutinize and accomplish a solution to problems encountered in the field of research and analysis.
2. To apply the fundamental concepts of chemistry to accomplish goals assigned to them at the workplace in industry and academia to meet the global standards.
3. To express qualitative and quantitative information of chemical compounds using spectroscopic methods which can further be analyzed using practical skills inculcated in them during the course
4. To instill the logical scientific approach along with analytical reasoning with respect to the novel techniques implemented in the industry.
5. To use the subject competency, communication, and ICT skills to become an effective team leader/team member in the interdisciplinary fields.
6. To understand, manage and contribute to solve basic societal issues and environmental concerns ethically based on principles of scientific knowledge gained.
7. To learn professional ethics and norms of scientific development.